

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026481.D
 Acq On : 30 Jun 2023 18:42
 Operator : SY/MD
 Sample : 03478-02MS
 Misc : 6.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW57MS

Quant Time: Jun 30 23:43:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 23:38:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	906205	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	741154	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	306487	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	232910	22.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.280%
7) Chloroethane-d5	2.893	69	179553	21.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.480%
11) 1,1-Dichloroethene-d2	4.027	65	113319	21.950	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.800%
21) 2-Butanone-d5	7.075	46	234822	60.220	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.440%
24) Chloroform-d	7.648	84	320845	14.526	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	58.120%
26) 1,2-Dichloroethane-d4	8.307	65	276435	22.896	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	8.270	84	985218	22.857	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.440%
36) 1,2-Dichloropropane-d6	9.270	67	321325	23.389	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.560%
41) Toluene-d8	10.325	98	824779	21.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.640%
43) trans-1,3-Dichloroprop...	10.575	79	124017	22.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.600%
47) 2-Hexanone-d5	10.922	63	152085	66.196	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.400%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103563	9.763	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	39.040%#
66) 1,2-Dichlorobenzene-d4	13.848	152	220680	20.679	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	199498	22.560	ug/L	91
3) Chloromethane	2.228	50	271213	21.758	ug/L	98
5) Vinyl chloride	2.375	62	273202	21.266	ug/L	99
6) Bromomethane	2.783	94	142807	19.547	ug/L	96
8) Chloroethane	2.930	64	157248	20.182	ug/L	98
9) Trichlorofluoromethane	3.265	101	188847	20.216	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	219878	21.207	ug/L	98
12) 1,1-Dichloroethene	4.051	96	222886	21.963	ug/L	91
13) Acetone	4.118	43	187568	68.092	ug/L	99
14) Carbon disulfide	4.393	76	644871	19.635	ug/L	99
15) Methyl Acetate	4.667	43	111616	18.661	ug/L	100
16) Methylene chloride	4.917	84	249141	16.271	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	231732	21.228	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	457700	25.656	ug/L	99
19) 1,1-Dichloroethane	6.216	63	496307	22.594	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	260250	21.048	ug/L	98
22) 2-Butanone	7.167	43	276508	61.226	ug/L	98
23) Bromochloromethane	7.514	128	114276	22.222	ug/L	98
25) Chloroform	7.673	83	607518	28.495	ug/L	99

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 Response via : Initial Calibration

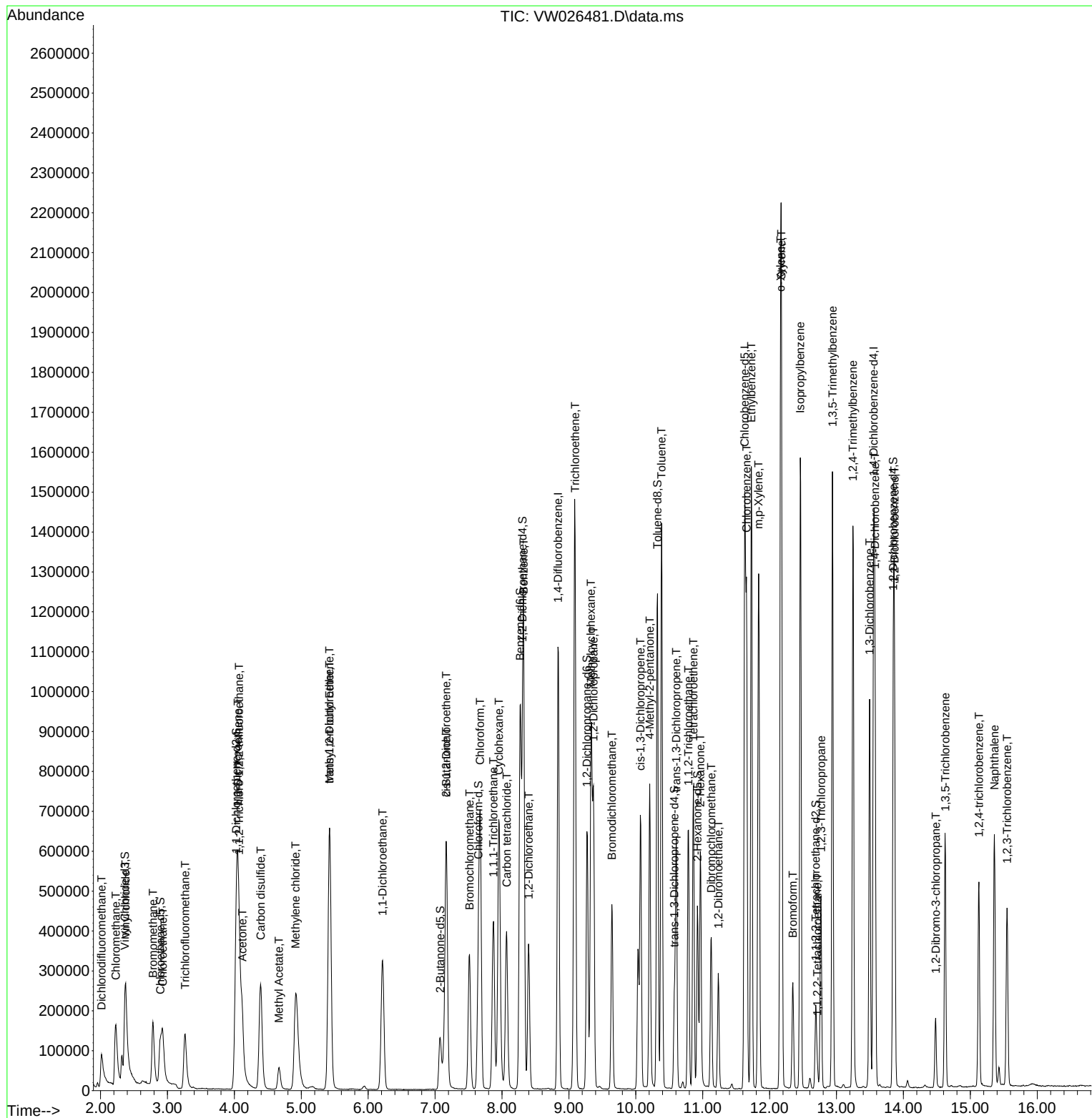
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	329790	22.623	ug/L	100
29) Cyclohexane	7.953	56	427844	20.363	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	348695	22.086	ug/L	100
31) Carbon tetrachloride	8.069	117	307278	21.617	ug/L	100
33) Benzene	8.325	78	1017359	21.920	ug/L	100
34) Trichloroethene	9.093	95	443027	37.471	ug/L	97
35) Methylcyclohexane	9.331	83	374839	17.796	ug/L	99
37) 1,2-Dichloropropane	9.367	63	286224	23.230	ug/L	100
38) Bromodichloromethane	9.642	83	312064	22.566	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	411793	22.330	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	521892	61.691	ug/L	99
42) Toluene	10.386	91	1019120	21.462	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	339019	22.494	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	204794	24.400	ug/L	98
46) Tetrachloroethene	10.861	164	164429	19.671	ug/L	93
48) 2-Hexanone	10.965	43	395633	69.674	ug/L	97
49) Dibromochloromethane	11.129	129	201522	24.107	ug/L	98
50) 1,2-Dibromoethane	11.233	107	190966	24.743	ug/L	96
51) Chlorobenzene	11.654	112	597053	20.322	ug/L	98
52) Ethylbenzene	11.727	91	1098401	20.556	ug/L	99
53) m,p-Xylene	11.837	106	396602	20.017	ug/L	95
54) o-Xylene	12.166	106	382567	20.819	ug/L	92
55) Styrene	12.178	104	658189	20.984	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	27611	2.694	ug/L	95
59) Bromoform	12.349	173	117583	28.974	ug/L	96
60) Isopropylbenzene	12.458	105	1012111	22.641	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	208433	31.115	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	794490	22.350	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	764057	22.001	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	368027	19.622	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	375252	20.117	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	343609	20.244	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	46608	30.362	ug/L	97
69) 1,3,5-Trichlorobenzene	14.629	180	187147	14.657	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	158091	14.306	ug/L	98
71) Naphthalene	15.360	128	524522	23.286	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	139566	14.686	ug/L	97

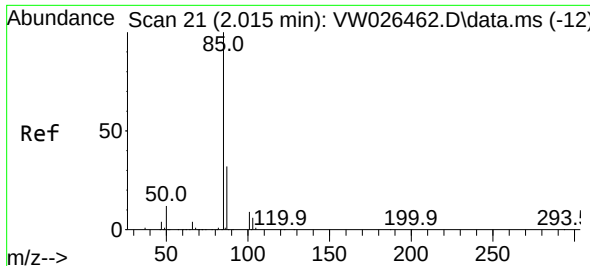
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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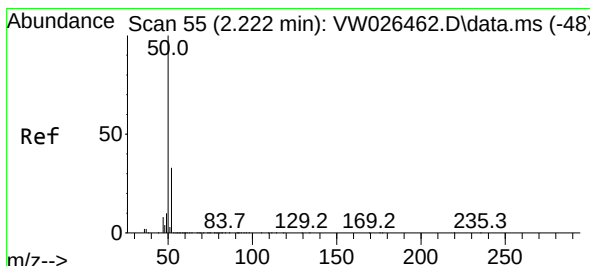
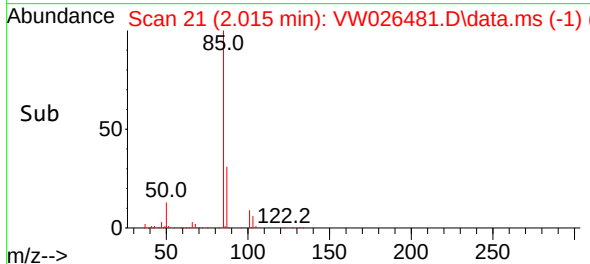
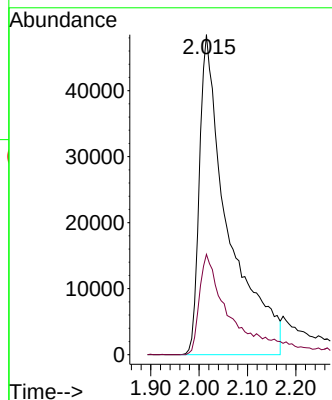
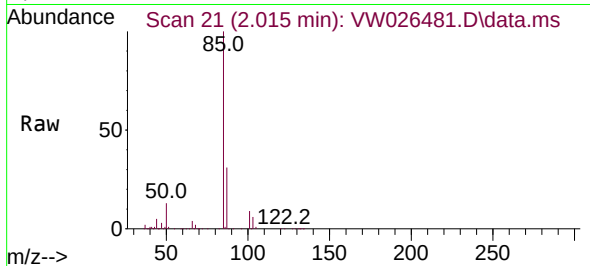




#2
 Dichlorodifluoromethane
 Concen: 22.560 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026481.D
 Acq: 30 Jun 2023 18:42

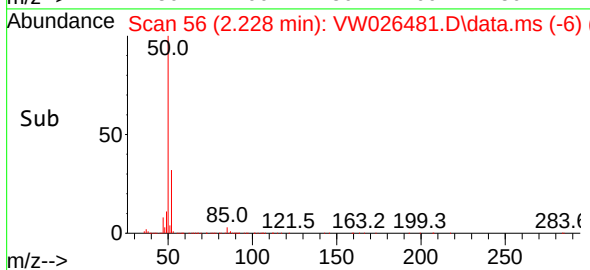
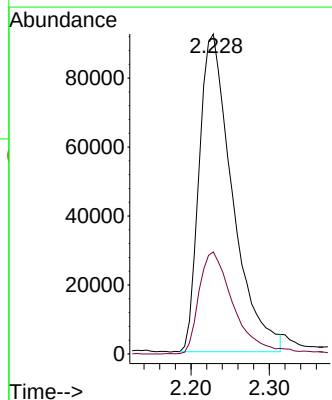
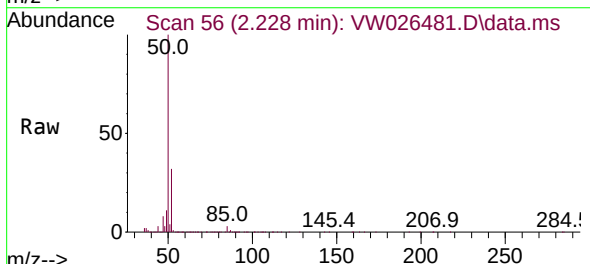
Instrument :
 MSVOA_W
 ClientSampleId :
 YBW57MS

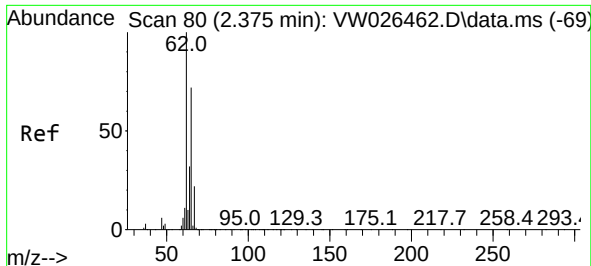
Tgt Ion: 85 Resp: 199498
 Ion Ratio Lower Upper
 85 100
 87 28.2 19.0 28.4



#3
 Chloromethane
 Concen: 21.758 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW026481.D
 Acq: 30 Jun 2023 18:42

Tgt Ion: 50 Resp: 271213
 Ion Ratio Lower Upper
 50 100
 52 31.9 21.7 40.3

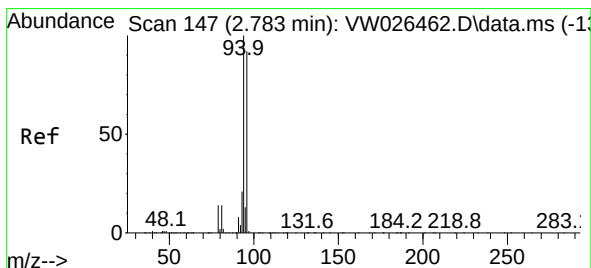
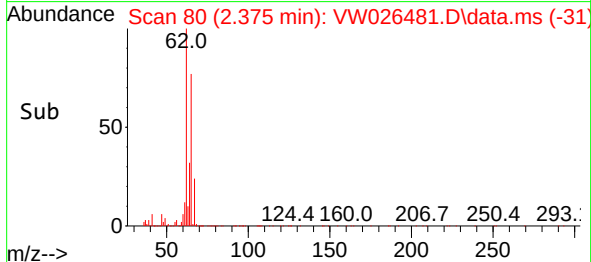
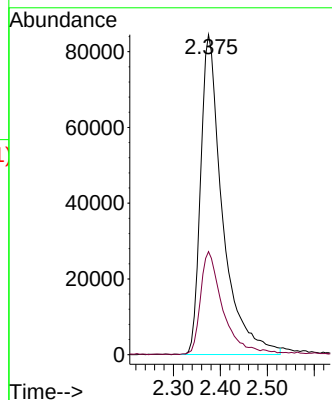
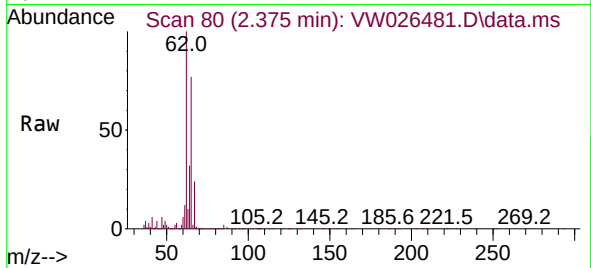




#5
 Vinyl chloride
 Concen: 21.266 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026481.D
 Acq: 30 Jun 2023 18:42

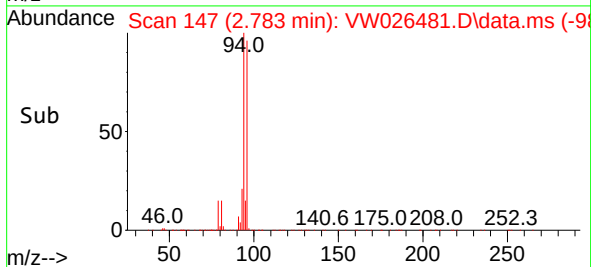
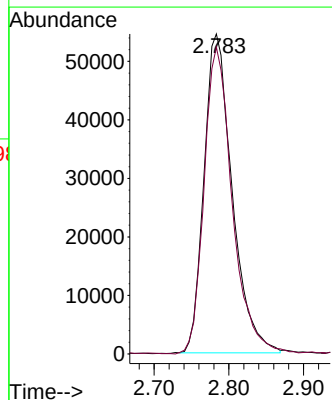
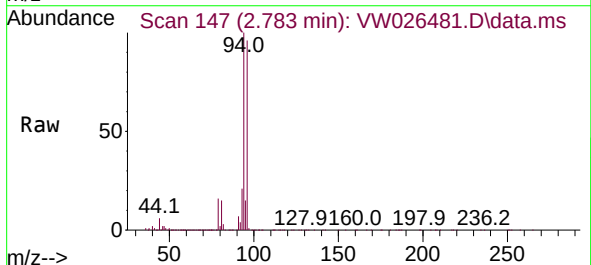
Instrument :
 MSVOA_W
 ClientSampleId :
 YBW57MS

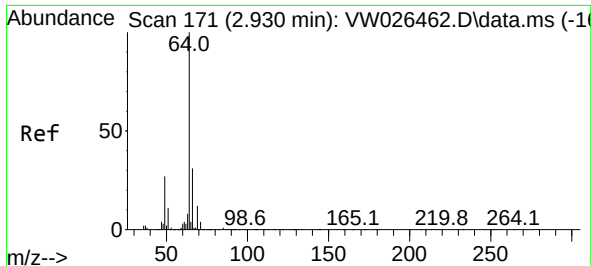
Tgt Ion: 62 Resp: 273202
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.0 42.8



#6
 Bromomethane
 Concen: 19.547 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW026481.D
 Acq: 30 Jun 2023 18:42

Tgt Ion: 94 Resp: 142807
 Ion Ratio Lower Upper
 94 100
 96 95.9 64.3 119.3

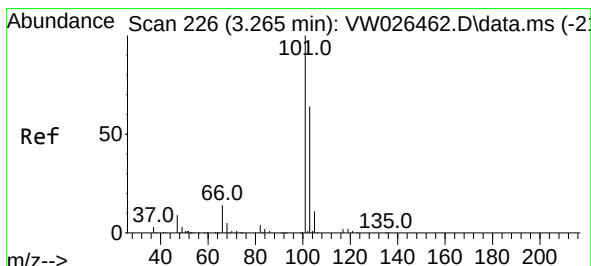
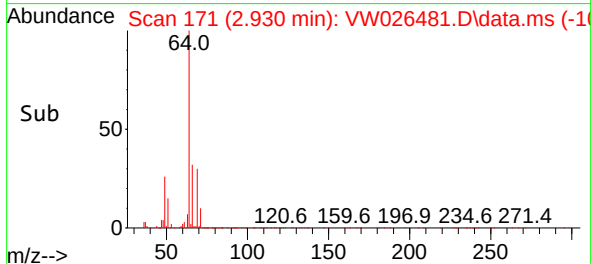
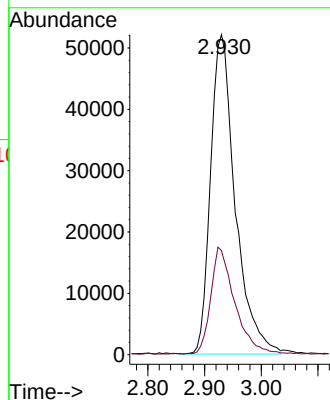
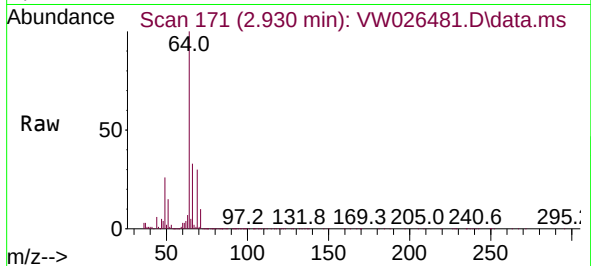




#8
Chloroethane
Concen: 20.182 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

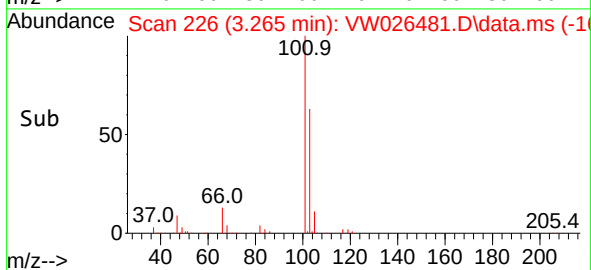
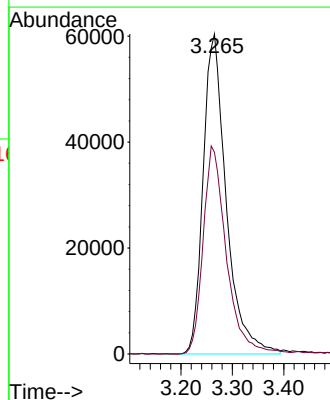
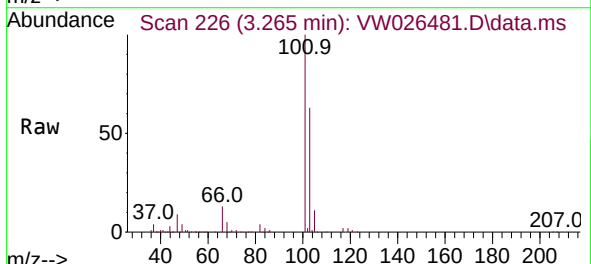
Instrument :
MSVOA_W
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YBW57MS

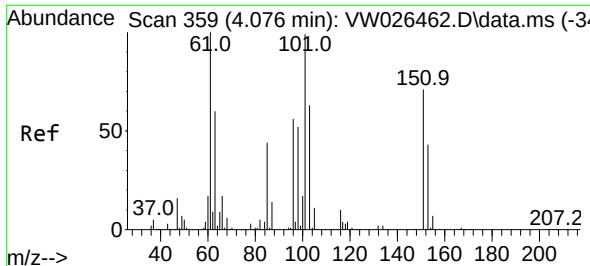
Tgt Ion: 64 Resp: 157248
Ion Ratio Lower Upper
64 100
66 32.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 20.216 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Tgt Ion:101 Resp: 188847
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 21.207 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

Instrument :

MSVOA_W

ClientSampleId :

YBW57MS

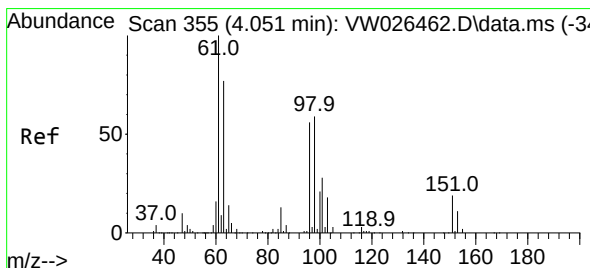
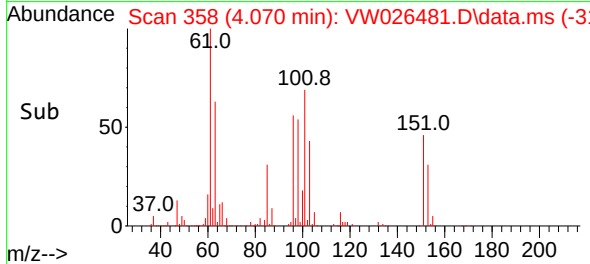
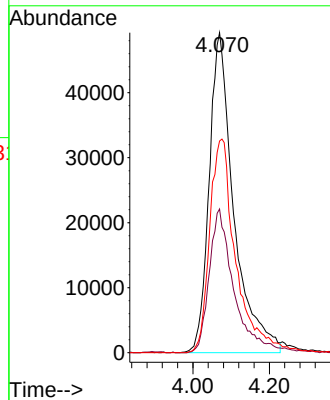
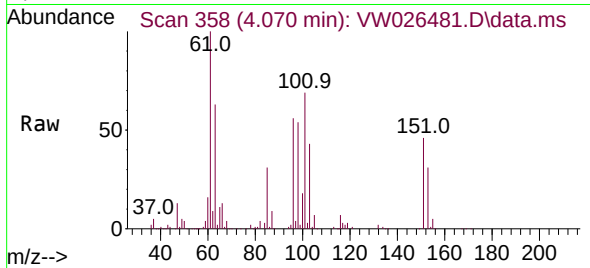
Tgt Ion:101 Resp: 219878

Ion Ratio Lower Upper

101 100

85 43.5 34.1 51.1

151 65.9 53.7 80.5



#12

1,1-Dichloroethene

Concen: 21.963 ug/L

RT: 4.051 min Scan# 355

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

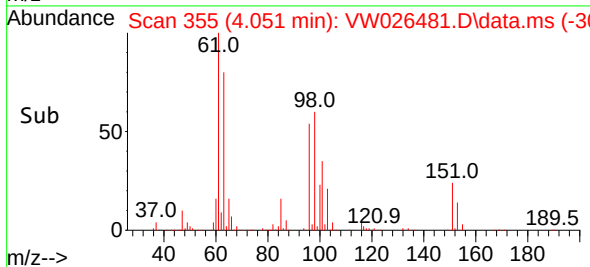
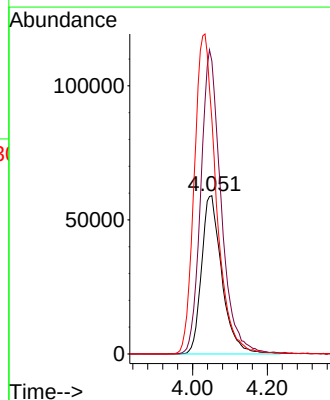
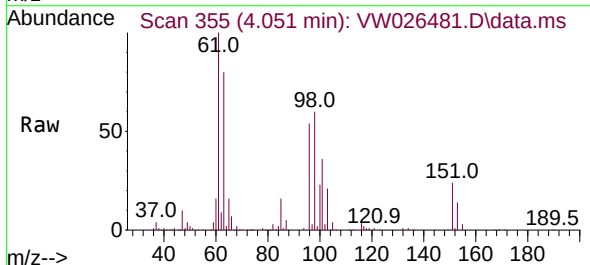
Tgt Ion: 96 Resp: 222886

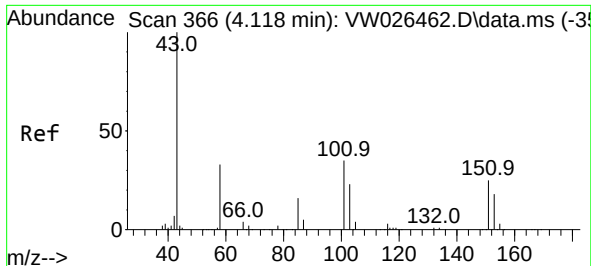
Ion Ratio Lower Upper

96 100

61 185.1 134.0 248.8

63 148.2 117.1 217.5





#13

Acetone

Concen: 68.092 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.000 min

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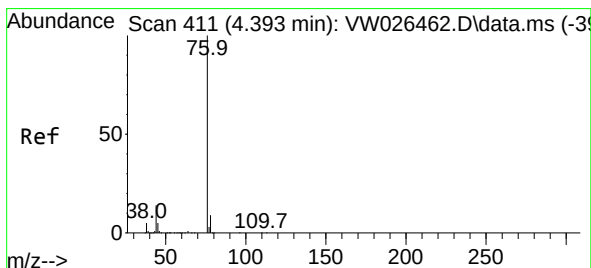
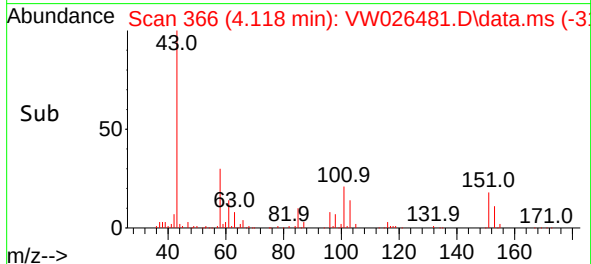
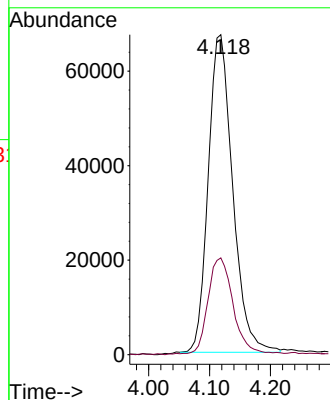
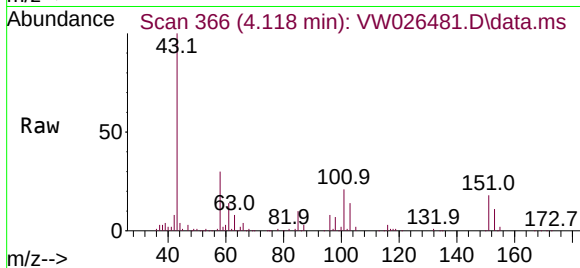
YBW57MS

Tgt Ion: 43 Resp: 187568

Ion Ratio Lower Upper

43 100

58 30.8 0.0 63.2



#14

Carbon disulfide

Concen: 19.635 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW026481.D

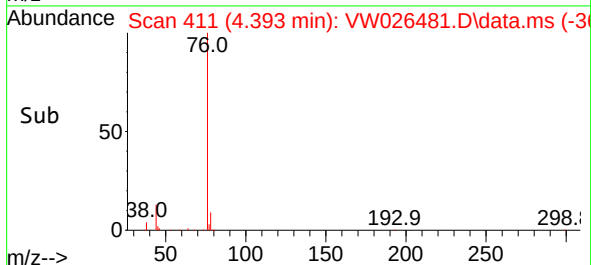
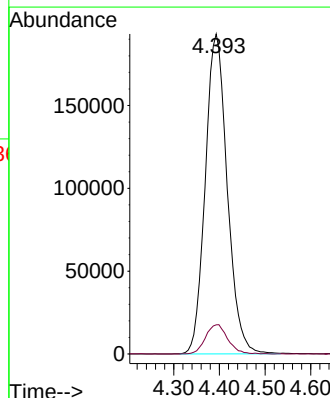
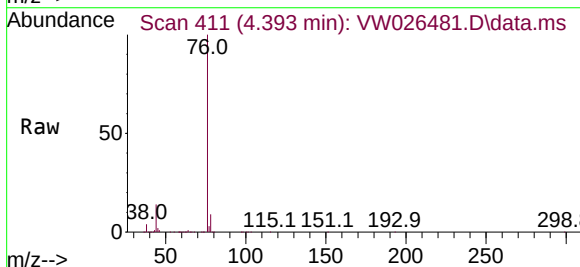
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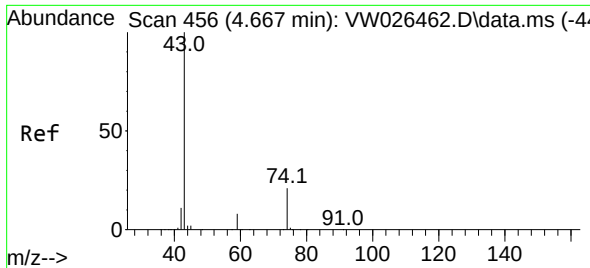
Tgt Ion: 76 Resp: 644871

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

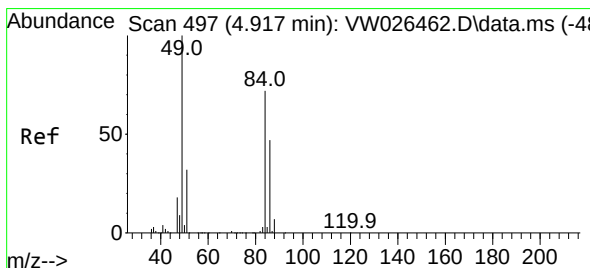
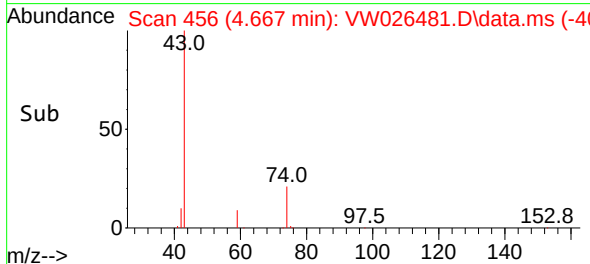
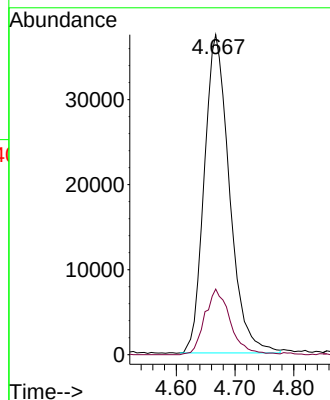
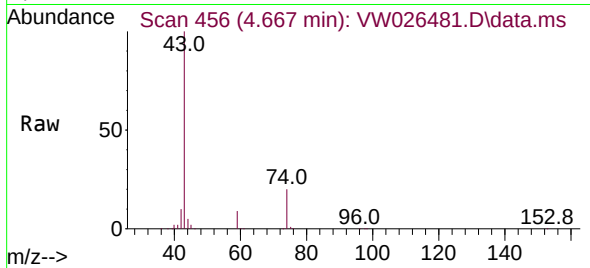




#15
Methyl Acetate
Concen: 18.661 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

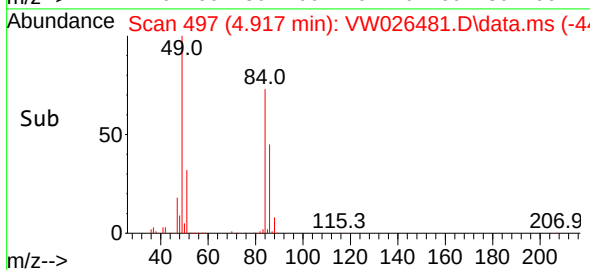
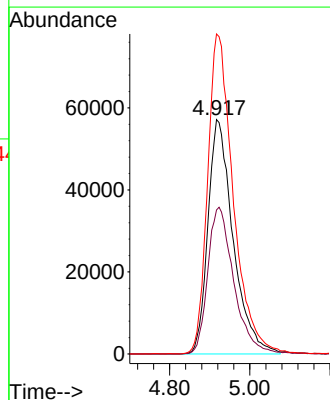
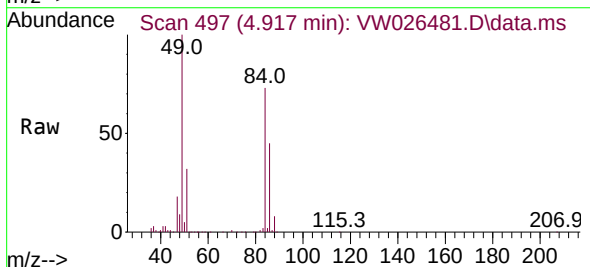
Instrument :
MSVOA_W
ClientSampleId :
YBW57MS

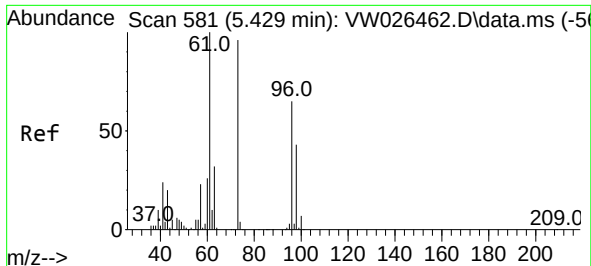
Tgt Ion: 43 Resp: 111616
Ion Ratio Lower Upper
43 100
74 20.7 16.6 24.8



#16
Methylene chloride
Concen: 16.271 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Tgt Ion: 84 Resp: 249141
Ion Ratio Lower Upper
84 100
86 61.4 44.1 81.9
49 136.5 94.1 174.8

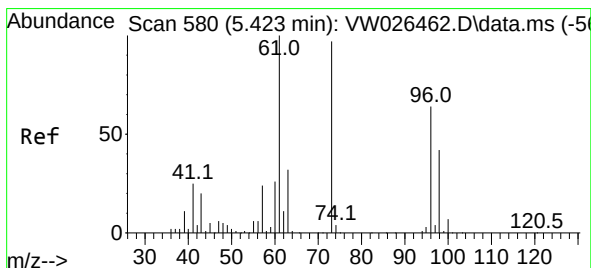
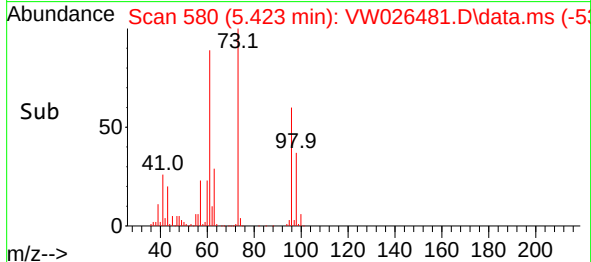
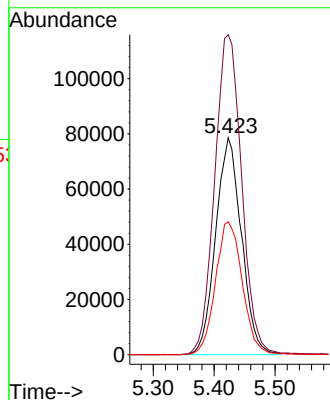
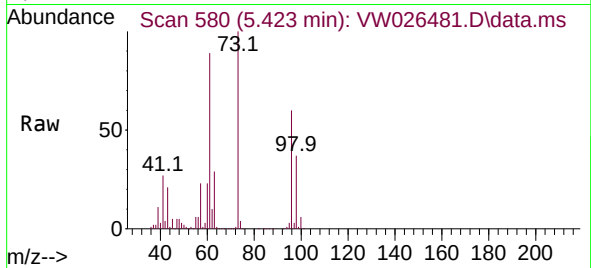




#17
trans-1,2-Dichloroethene
Concen: 21.228 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

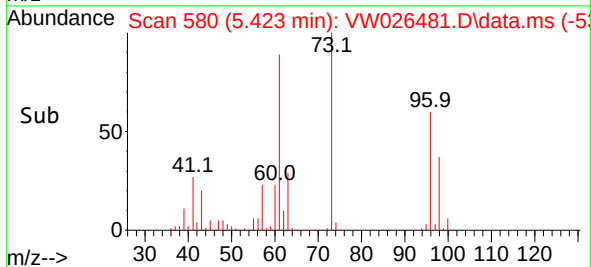
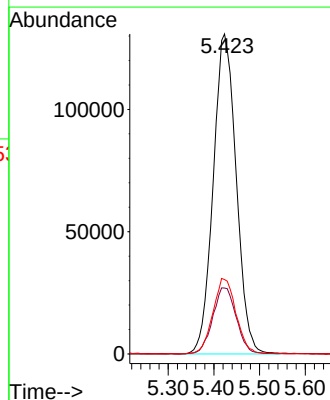
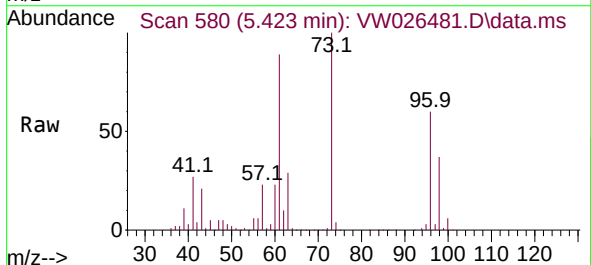
Instrument :
MSVOA_W
ClientSampleId :
YBW57MS

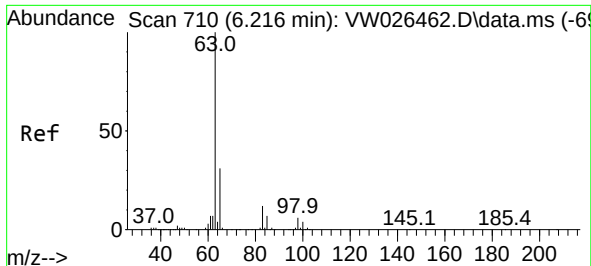
Tgt Ion: 96 Resp: 231732
Ion Ratio Lower Upper
96 100
61 147.5 105.2 195.4
98 61.3 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 25.656 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Tgt Ion: 73 Resp: 457700
Ion Ratio Lower Upper
73 100
43 21.2 16.6 25.0
57 23.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 22.594 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

Instrument :

MSVOA_W

ClientSampleId :

YBW57MS

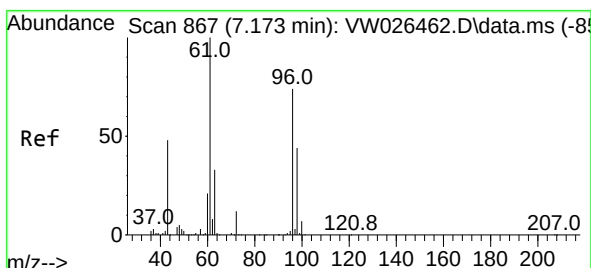
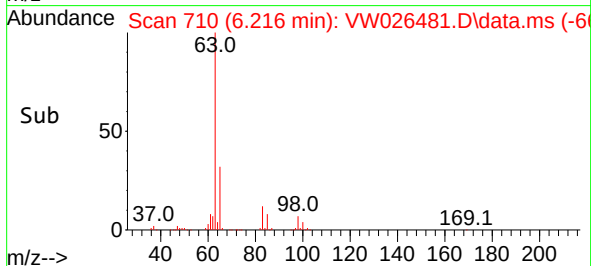
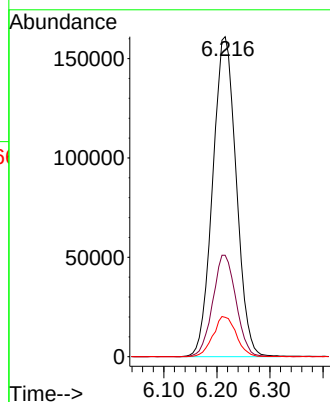
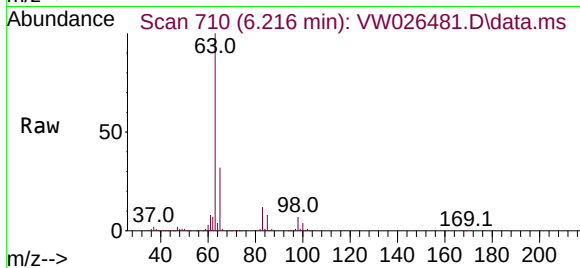
Tgt Ion: 63 Resp: 496307

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

83 12.3 8.3 15.3



#20

cis-1,2-Dichloroethene

Concen: 21.048 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

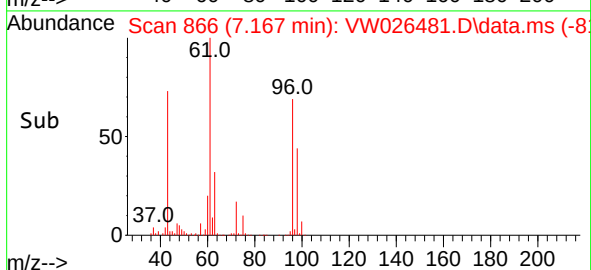
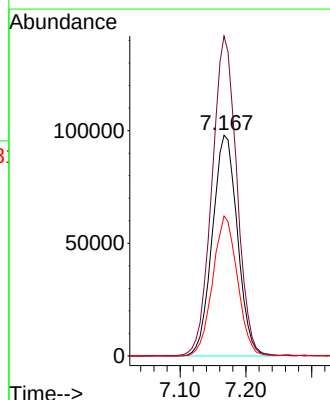
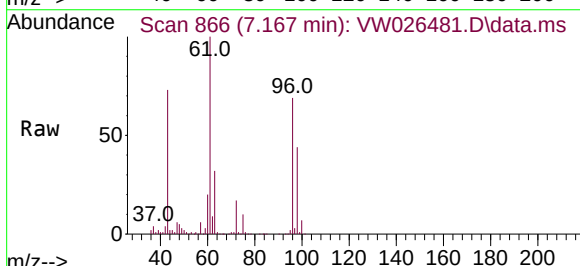
Tgt Ion: 96 Resp: 260250

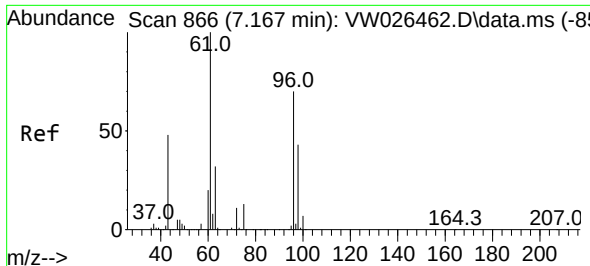
Ion Ratio Lower Upper

96 100

61 144.9 99.3 184.5

98 63.4 44.3 82.3

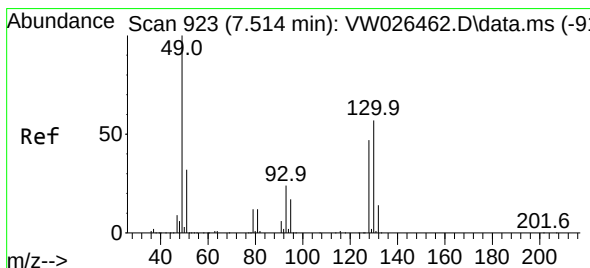
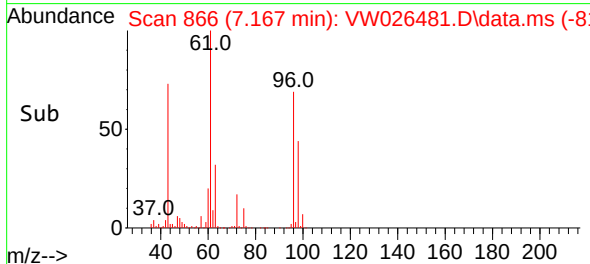
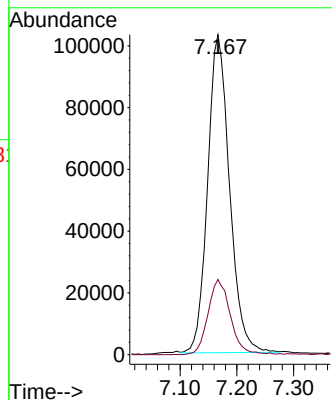
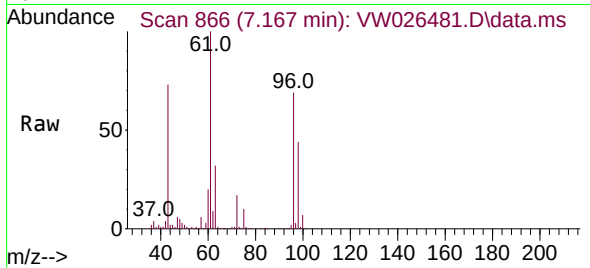




#22
2-Butanone
Concen: 61.226 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

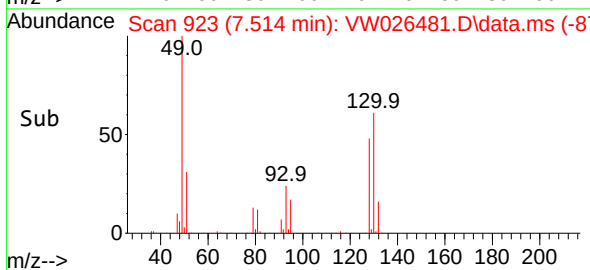
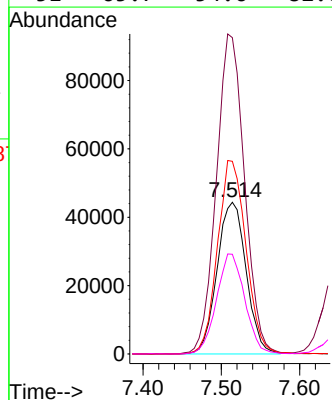
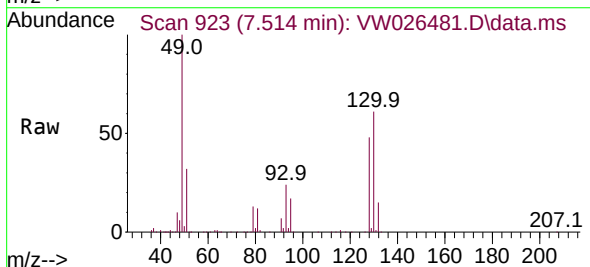
Instrument :
MSVOA_W
ClientSampleId :
YBW57MS

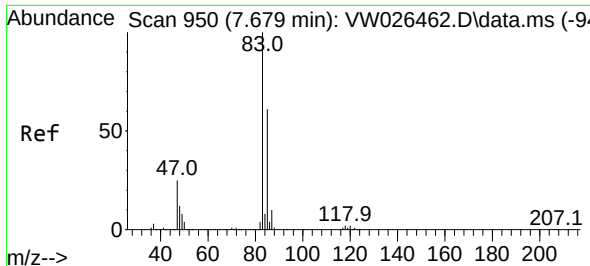
Tgt Ion: 43 Resp: 276508
Ion Ratio Lower Upper
43 100
72 24.0 12.6 37.8



#23
Bromochloromethane
Concen: 22.222 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Tgt Ion: 128 Resp: 114276
Ion Ratio Lower Upper
128 100
49 208.5 149.2 277.2
130 127.0 89.2 165.8
51 65.7 54.6 82.0

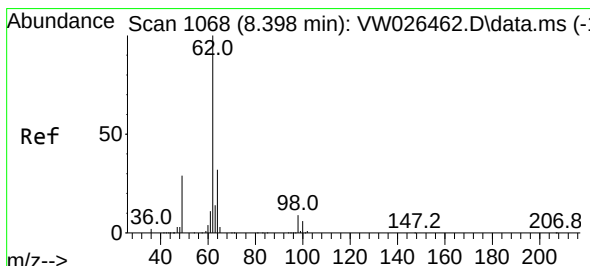
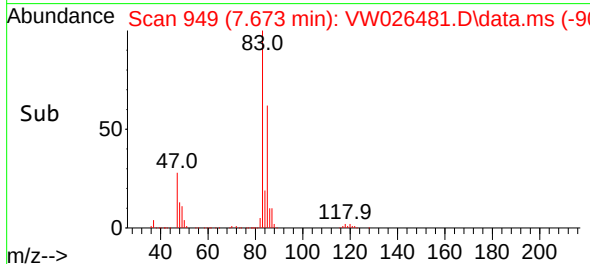
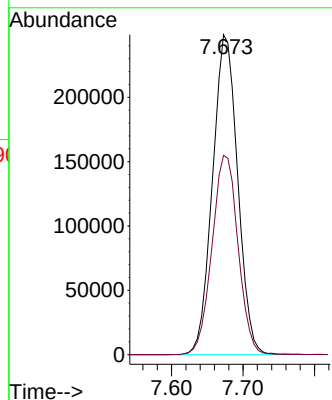
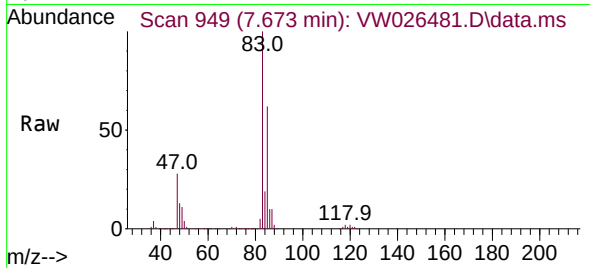




#25
Chloroform
Concen: 28.495 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

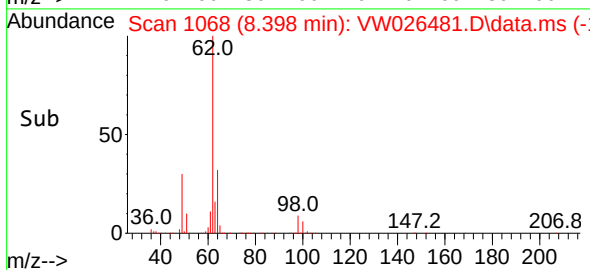
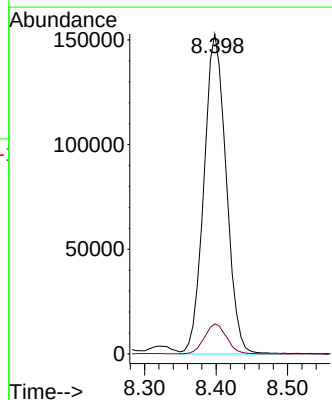
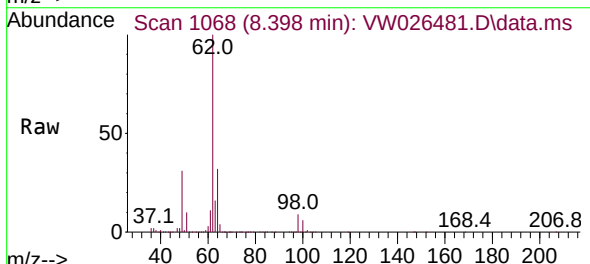
Instrument :
MSVOA_W
ClientSampleId :
YBW57MS

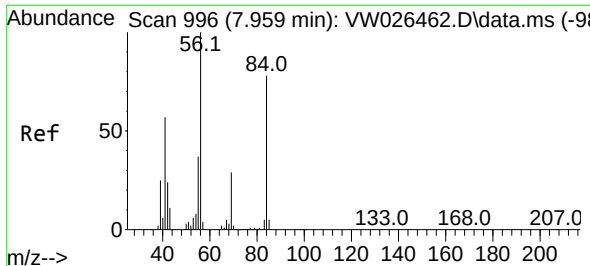
Tgt Ion: 83 Resp: 607518
Ion Ratio Lower Upper
83 100
85 62.3 44.4 82.4



#27
1,2-Dichloroethane
Concen: 22.623 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Tgt Ion: 62 Resp: 329790
Ion Ratio Lower Upper
62 100
98 9.4 7.6 11.4





#29

Cyclohexane

Concen: 20.363 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

Instrument :

MSVOA_W

ClientSampleId :

YBW57MS

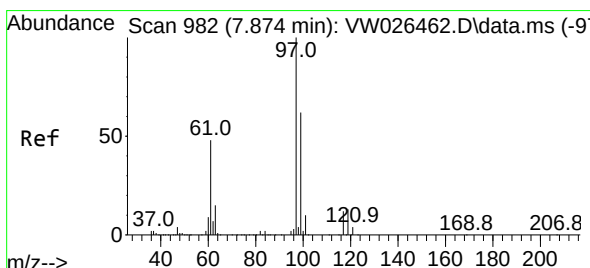
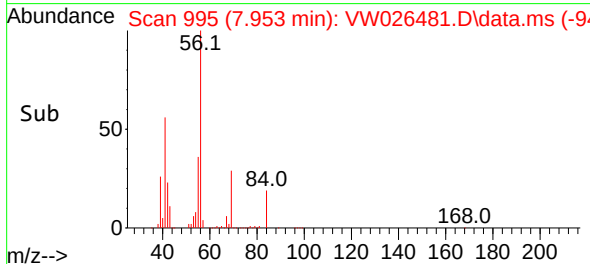
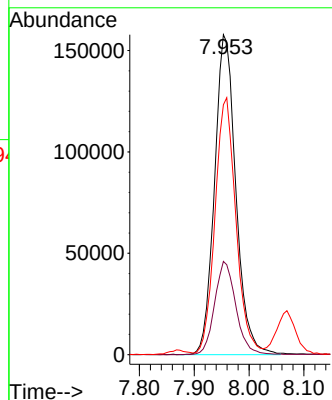
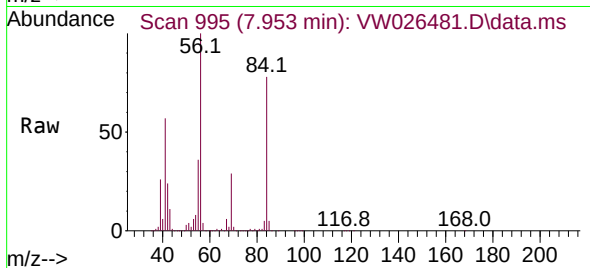
Tgt Ion: 56 Resp: 427844

Ion Ratio Lower Upper

56 100

69 28.6 23.2 34.8

84 78.8 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 22.086 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

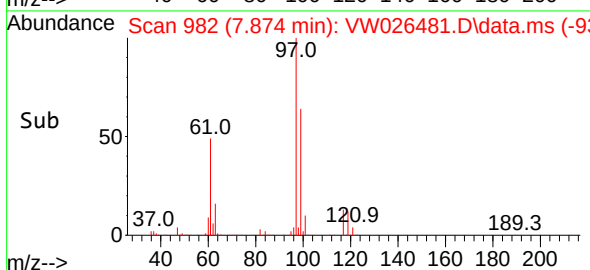
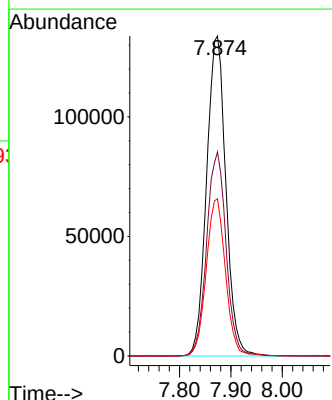
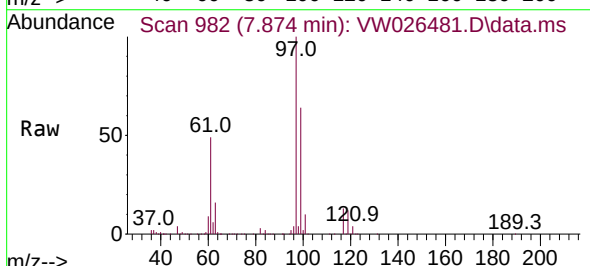
Tgt Ion: 97 Resp: 348695

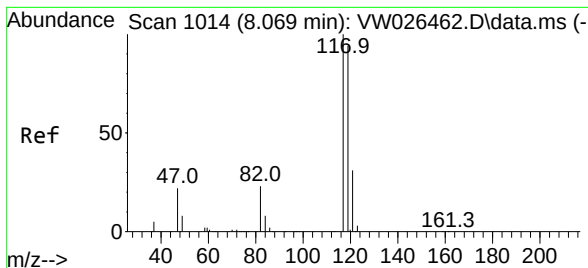
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 49.2 39.5 59.3

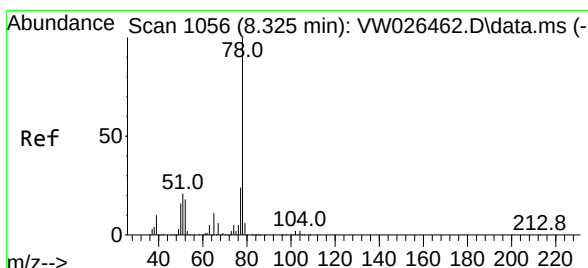
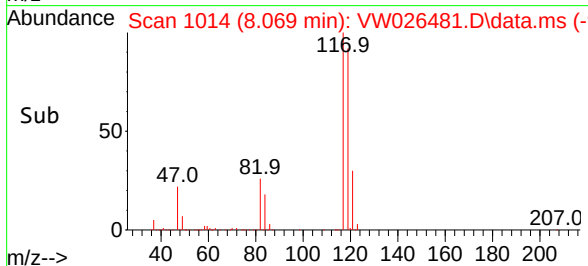
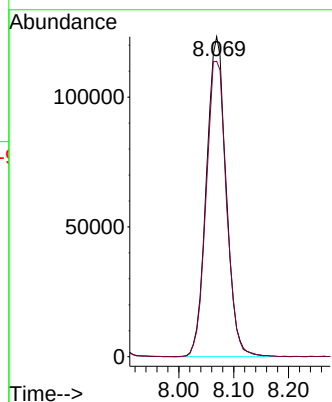
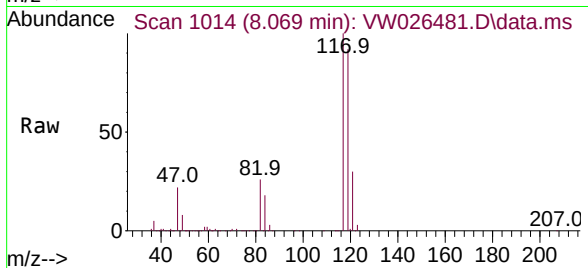




#31
Carbon tetrachloride
Concen: 21.617 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

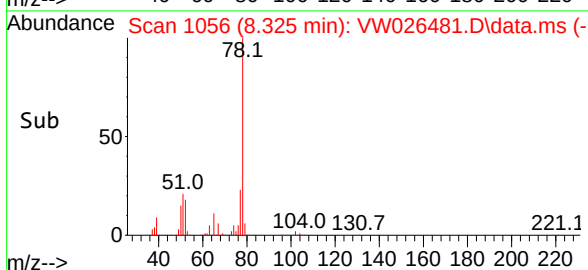
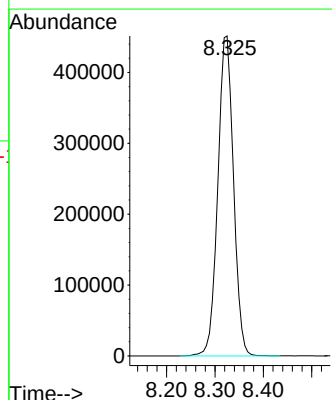
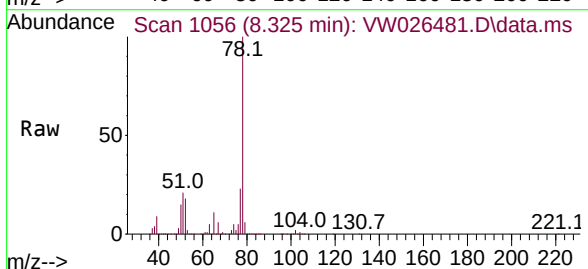
Instrument :
MSVOA_W
ClientSampleId :
YBW57MS

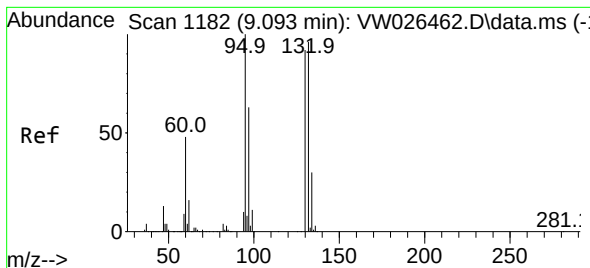
Tgt Ion:117 Resp: 307278
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.2



#33
Benzene
Concen: 21.920 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Tgt Ion: 78 Resp: 1017359





#34

Trichloroethene

Concen: 37.471 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

Instrument :

MSVOA_W

ClientSampleId :

YBW57MS

Tgt Ion: 95 Resp: 443027

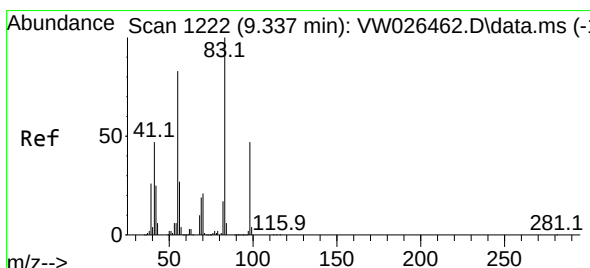
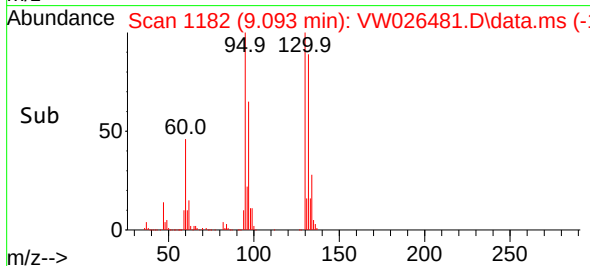
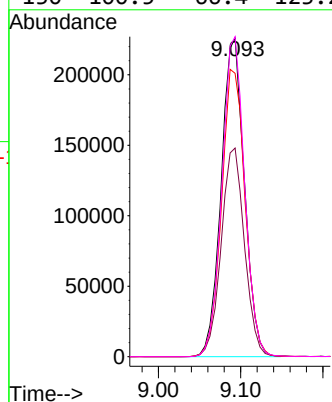
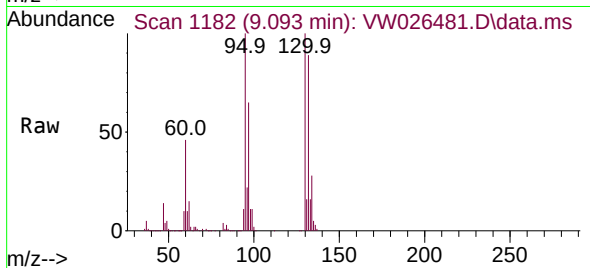
Ion Ratio Lower Upper

95 100

97 65.5 44.1 81.9

132 89.0 61.8 114.8

130 100.5 66.4 123.2



#35

Methylcyclohexane

Concen: 17.796 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

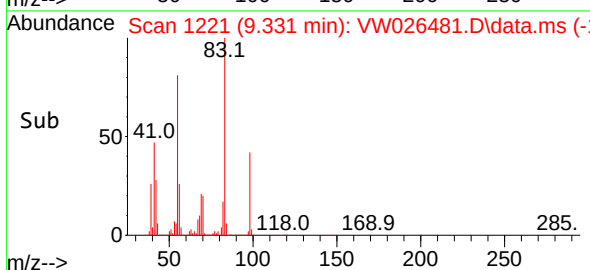
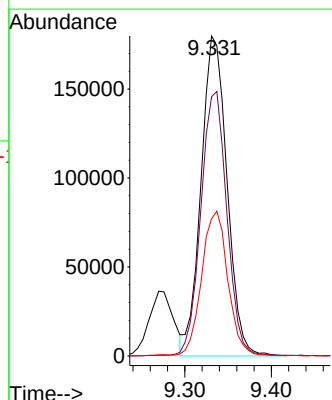
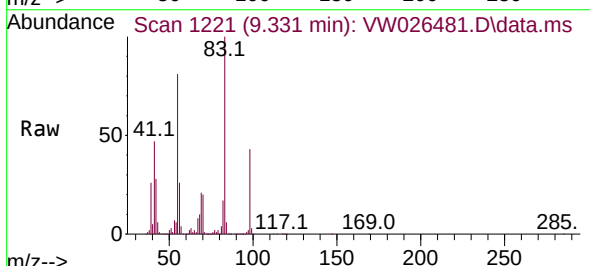
Tgt Ion: 83 Resp: 374839

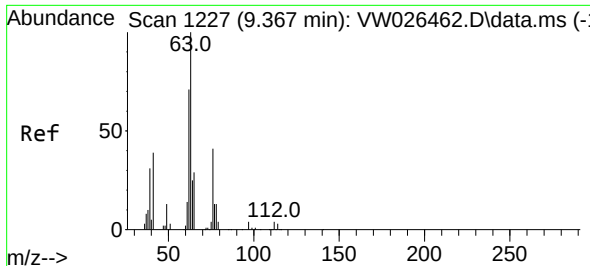
Ion Ratio Lower Upper

83 100

55 82.8 66.5 99.7

98 45.6 37.0 55.6

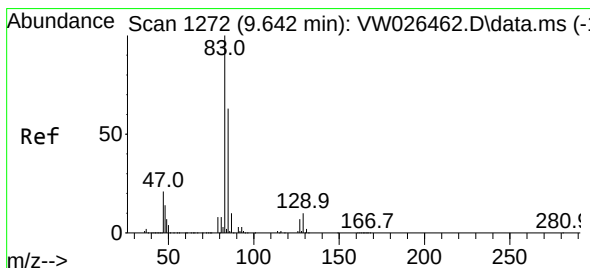
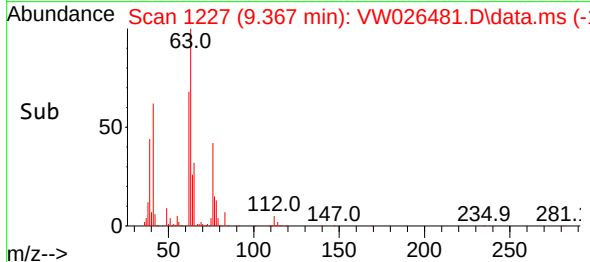
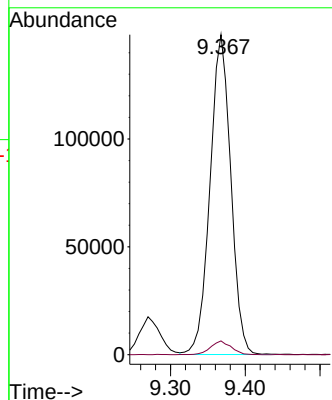
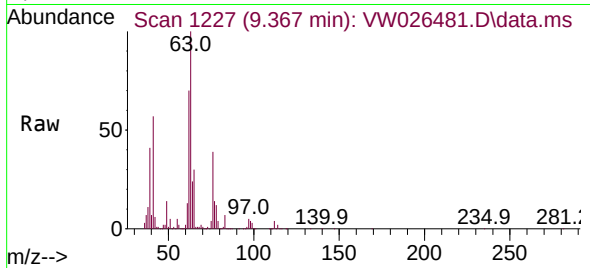




#37
1,2-Dichloropropane
Concen: 23.230 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

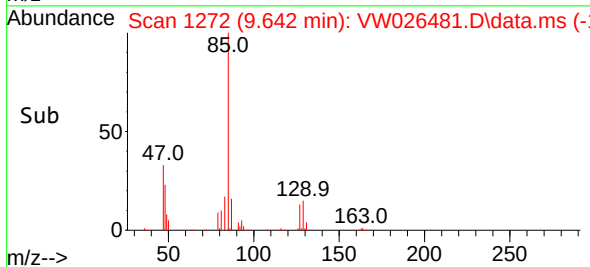
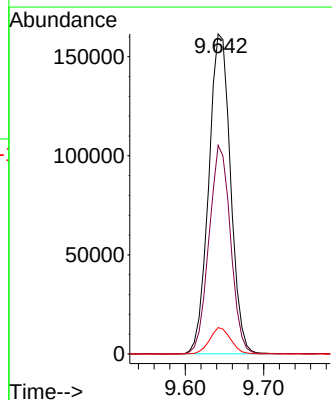
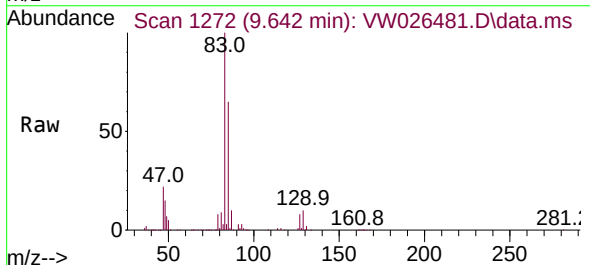
Instrument :
MSVOA_W
ClientSampleId :
YBW57MS

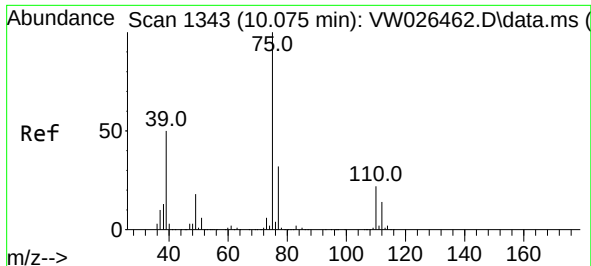
Tgt Ion: 63 Resp: 286224
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.0



#38
Bromodichloromethane
Concen: 22.566 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Tgt Ion: 83 Resp: 312064
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7
127 8.3 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 22.330 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

Instrument :

MSVOA_W

ClientSampleId :

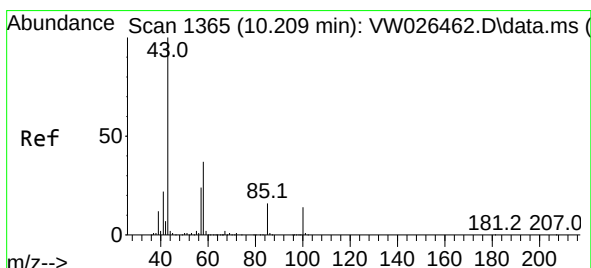
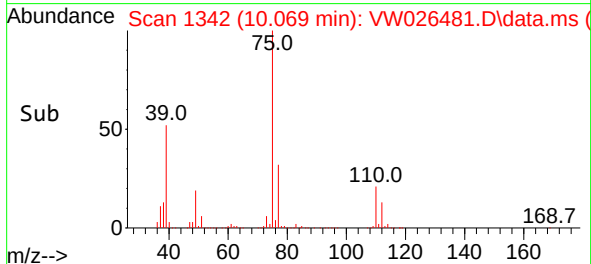
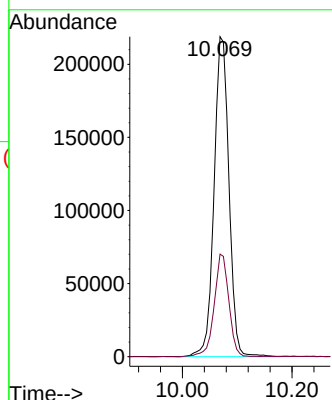
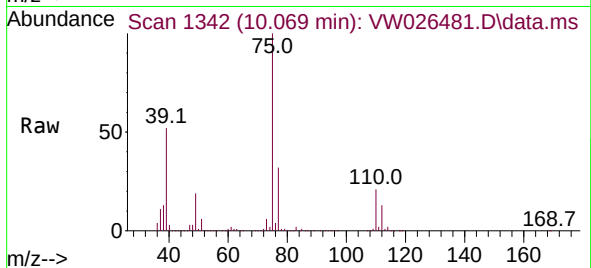
YBW57MS

Tgt Ion: 75 Resp: 411793

Ion Ratio Lower Upper

75 100

77 32.0 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 61.691 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

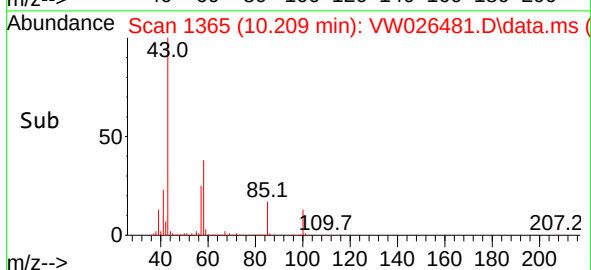
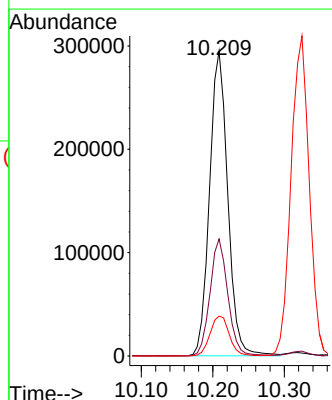
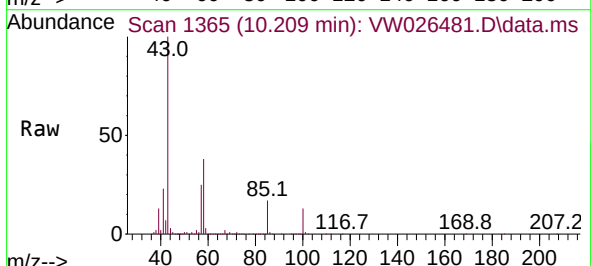
Tgt Ion: 43 Resp: 521892

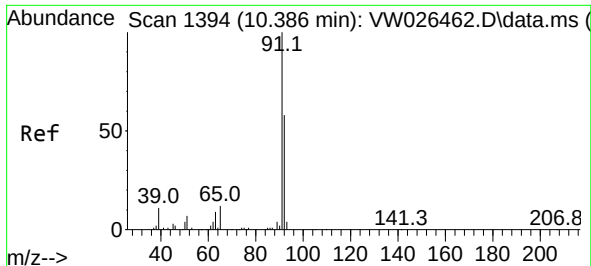
Ion Ratio Lower Upper

43 100

58 37.6 29.7 44.5

100 13.8 10.9 16.3





#42

Toluene

Concen: 21.462 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

Instrument :

MSVOA_W

ClientSampleId :

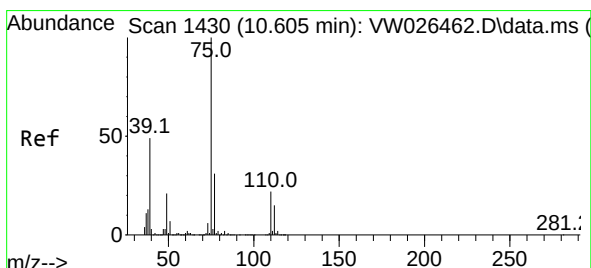
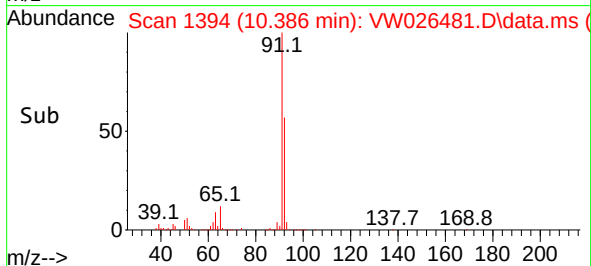
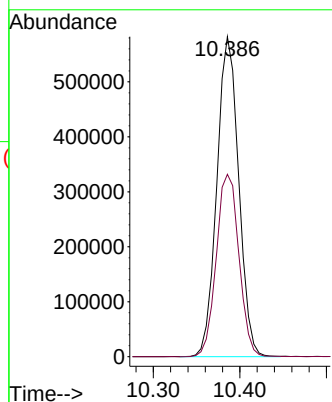
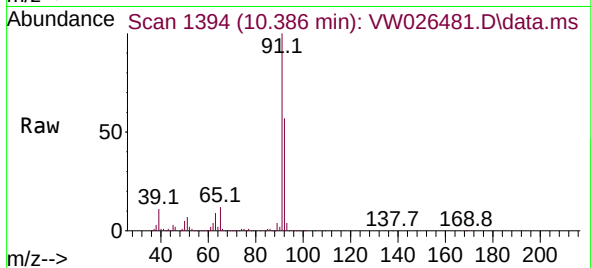
YBW57MS

Tgt Ion: 91 Resp: 1019120

Ion Ratio Lower Upper

91 100

92 57.0 41.4 76.8



#44

trans-1,3-Dichloropropene

Concen: 22.494 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW026481.D

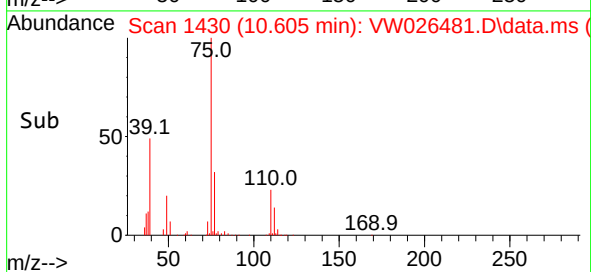
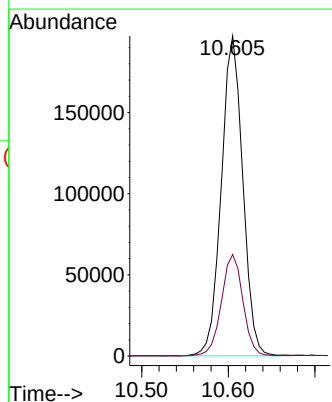
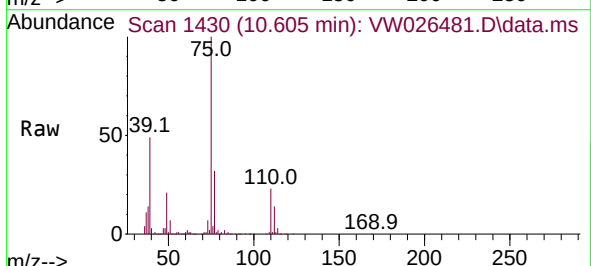
Acq: 30 Jun 2023 18:42

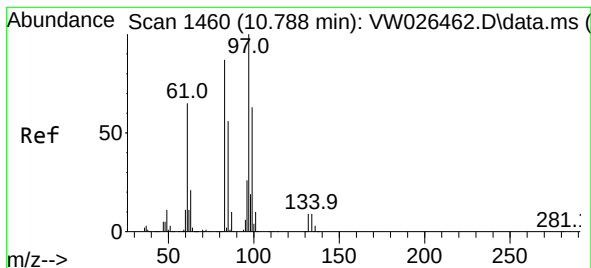
Tgt Ion: 75 Resp: 339019

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 24.400 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

Instrument :

MSVOA_W

ClientSampleId :

YBW57MS

Tgt Ion: 97 Resp: 204794

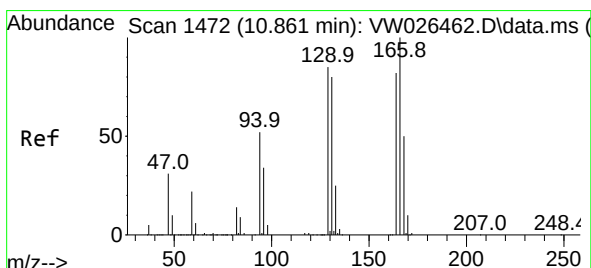
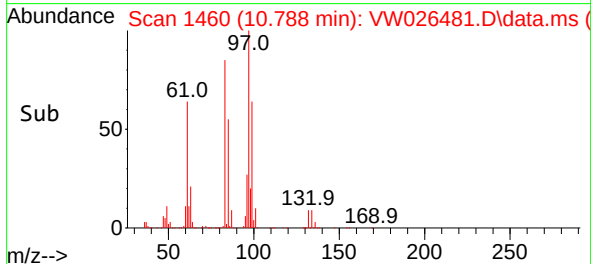
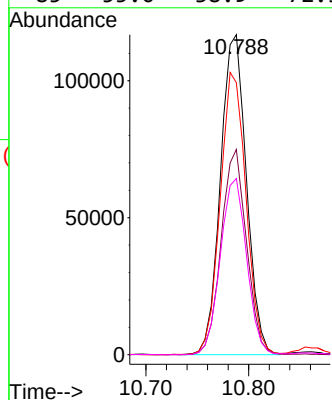
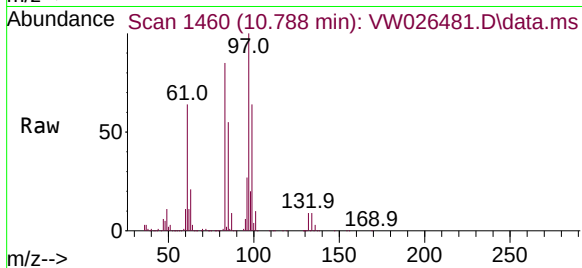
Ion Ratio Lower Upper

97 100

99 64.2 42.1 78.3

83 85.0 60.5 112.5

85 55.0 38.9 72.3



#46

Tetrachloroethene

Concen: 19.671 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

Tgt Ion:164 Resp: 164429

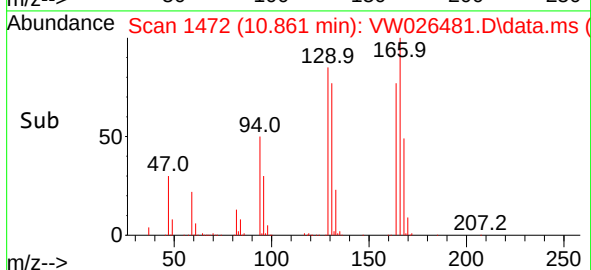
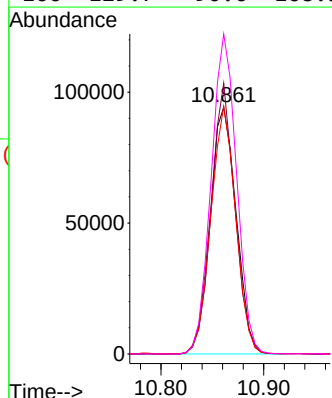
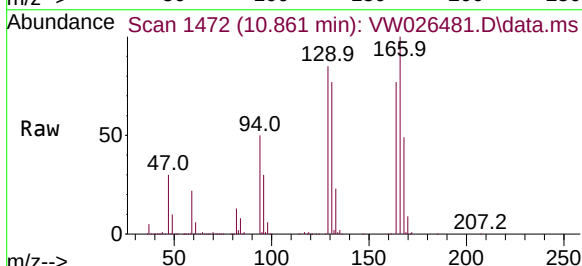
Ion Ratio Lower Upper

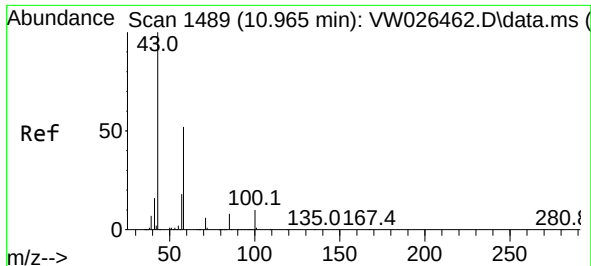
164 100

129 109.8 69.0 128.2

131 100.4 62.6 116.3

166 129.7 90.6 168.3

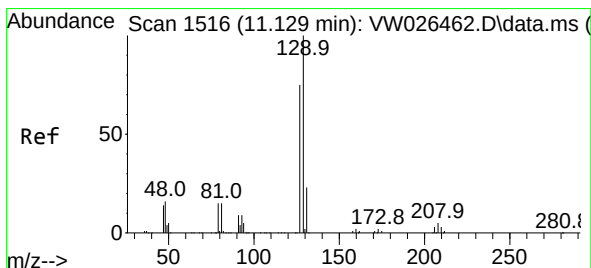
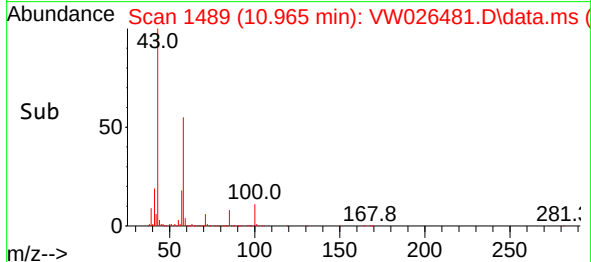
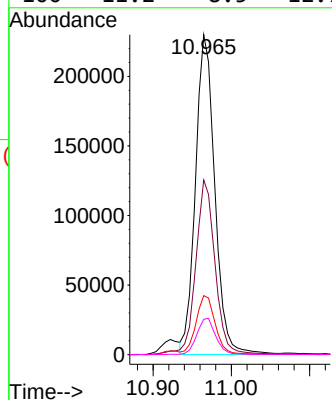
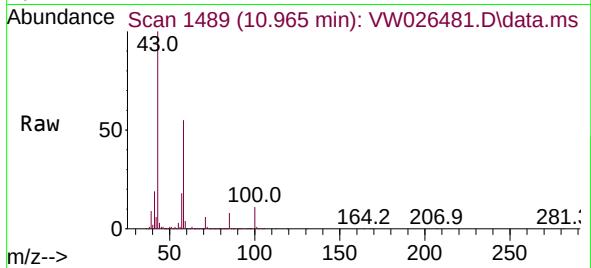




#48
2-Hexanone
Concen: 69.674 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

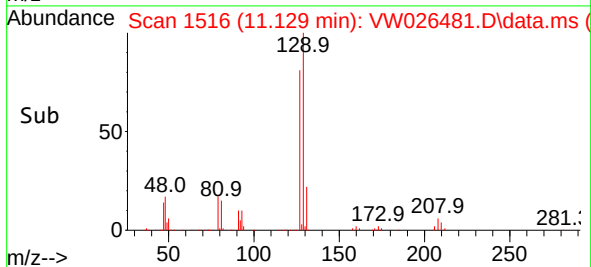
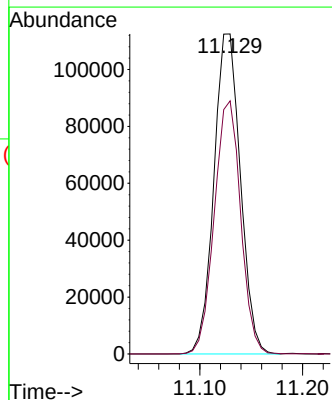
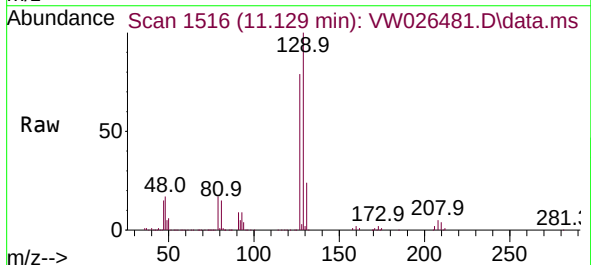
Instrument :
MSVOA_W
ClientSampleId :
YBW57MS

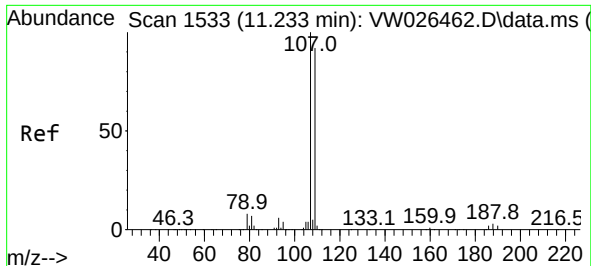
Tgt Ion: 43 Resp: 395633
Ion Ratio Lower Upper
43 100
58 55.1 42.1 63.1
57 18.5 14.5 21.7
100 11.2 8.5 12.7



#49
Dibromochloromethane
Concen: 24.107 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Tgt Ion: 129 Resp: 201522
Ion Ratio Lower Upper
129 100
127 79.1 54.0 100.4





#50

1,2-Dibromoethane

Concen: 24.743 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

Instrument :

MSVOA_W

ClientSampleId :

YBW57MS

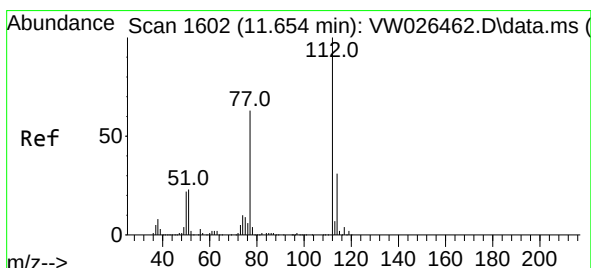
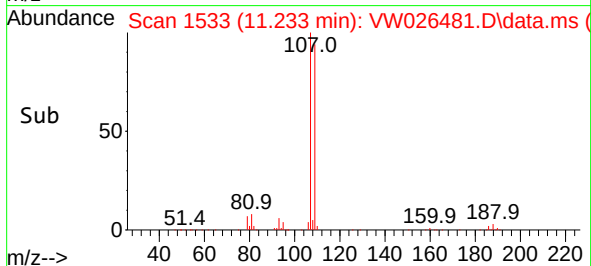
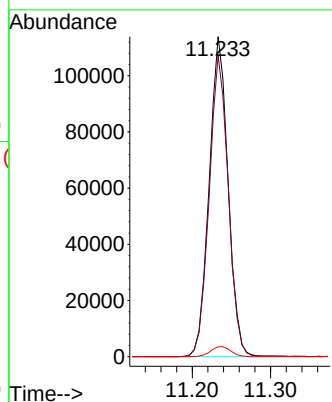
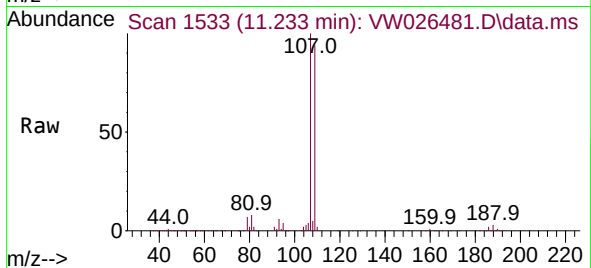
Tgt Ion:107 Resp: 190966

Ion Ratio Lower Upper

107 100

109 94.1 69.0 128.2

188 3.1 2.8 4.2



#51

Chlorobenzene

Concen: 20.322 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

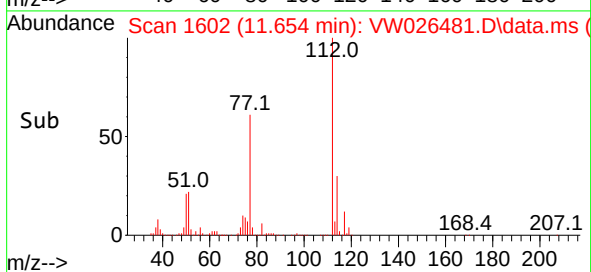
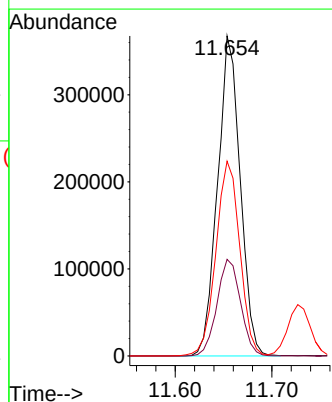
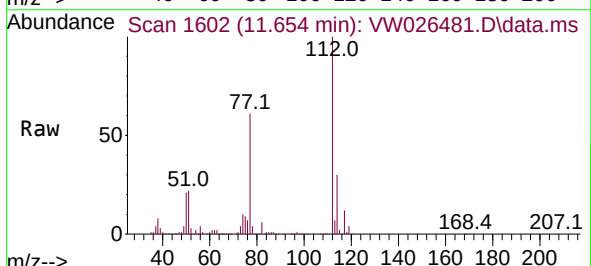
Tgt Ion:112 Resp: 597053

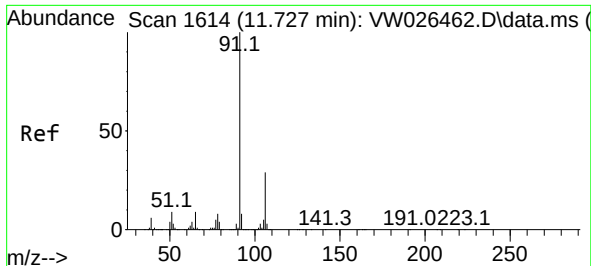
Ion Ratio Lower Upper

112 100

114 30.2 22.3 41.5

77 60.9 49.6 74.4

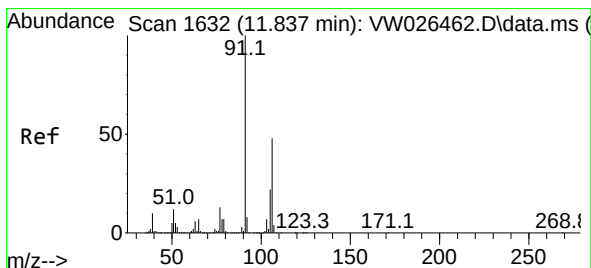
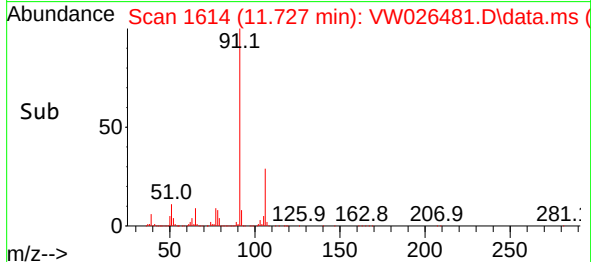
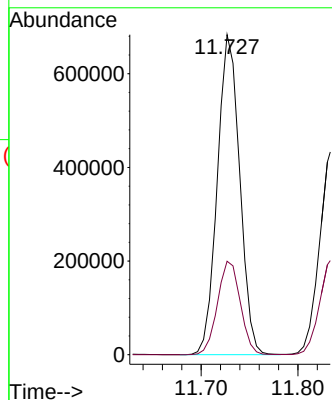
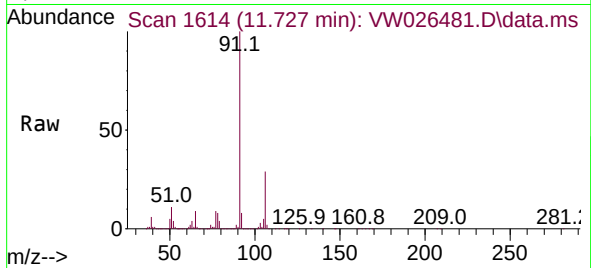




#52
Ethylbenzene
Concen: 20.556 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

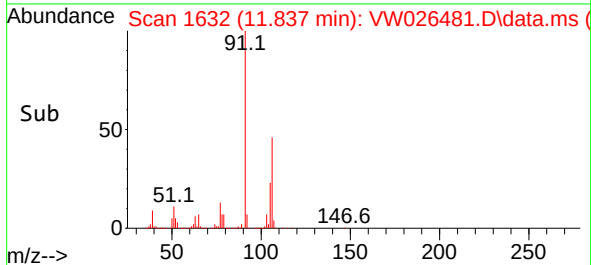
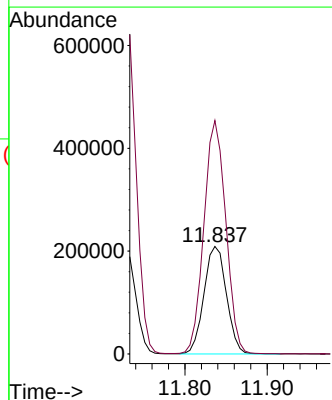
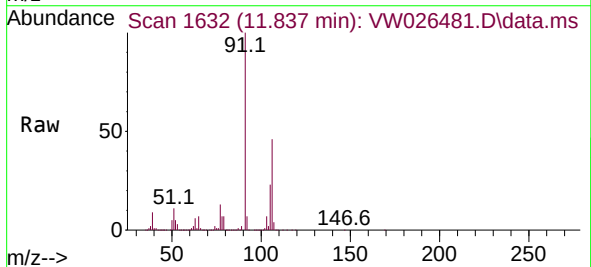
Instrument :
MSVOA_W
ClientSampleId :
YBW57MS

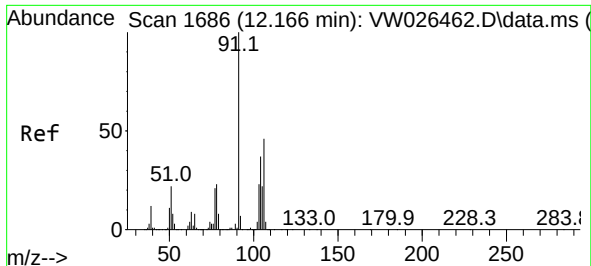
Tgt Ion: 91 Resp: 1098401
Ion Ratio Lower Upper
91 100
106 29.2 20.9 38.7



#53
m,p-Xylene
Concen: 20.017 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Tgt Ion: 106 Resp: 396602
Ion Ratio Lower Upper
106 100
91 217.1 146.7 272.5

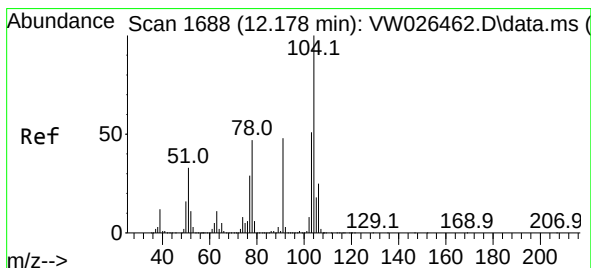
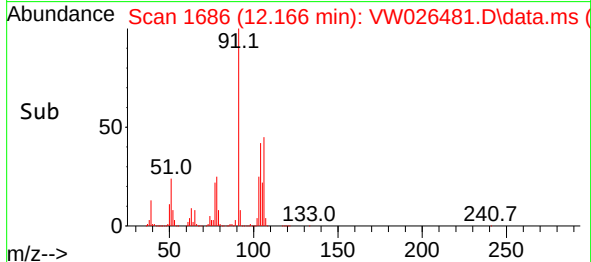
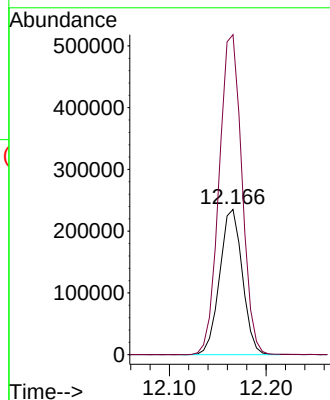
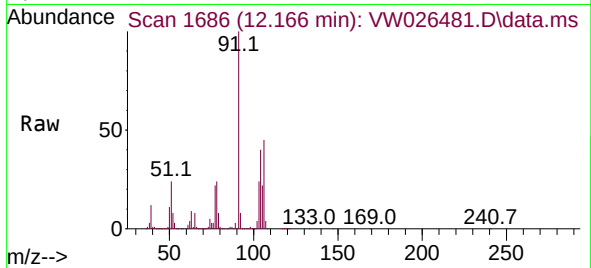




#54
o-Xylene
Concen: 20.819 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

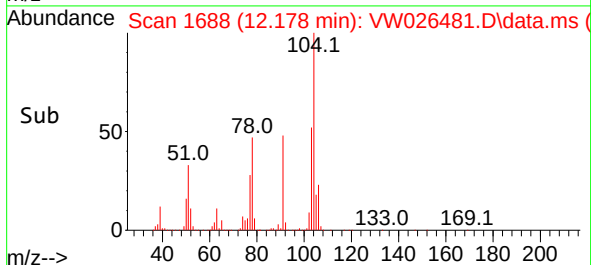
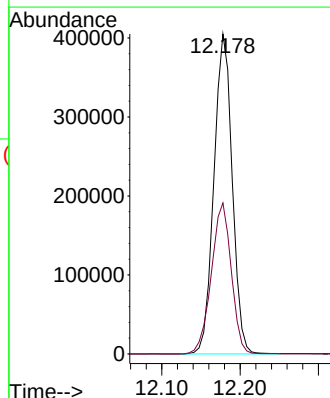
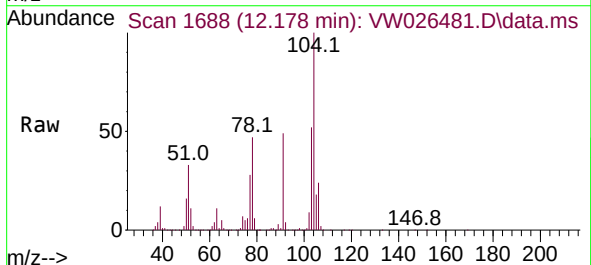
Instrument :
MSVOA_W
ClientSampleId :
YBW57MS

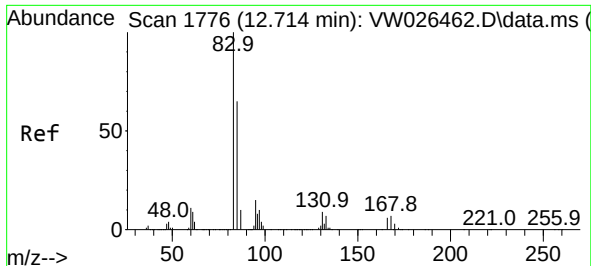
Tgt Ion:106 Resp: 382567
Ion Ratio Lower Upper
106 100
91 220.2 145.5 270.1



#55
Styrene
Concen: 20.984 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Tgt Ion:104 Resp: 658189
Ion Ratio Lower Upper
104 100
78 47.2 34.8 64.6





#57

1,1,2,2-Tetrachloroethane

Concen: 2.694 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

Instrument :

MSVOA_W

ClientSampleId :

YBW57MS

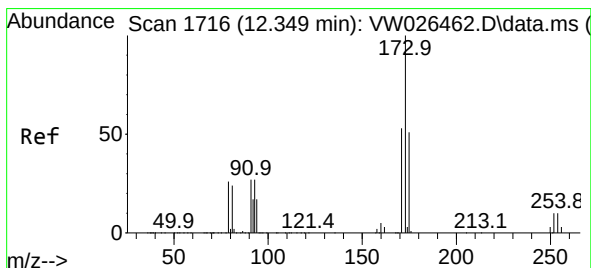
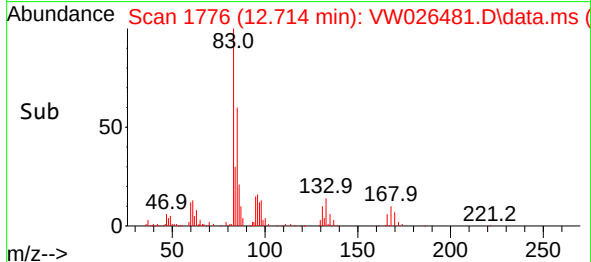
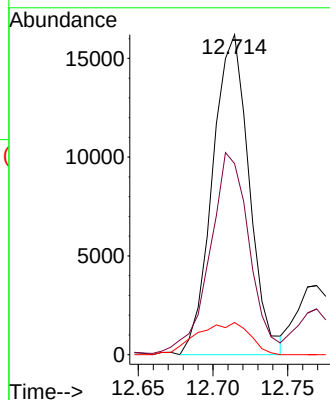
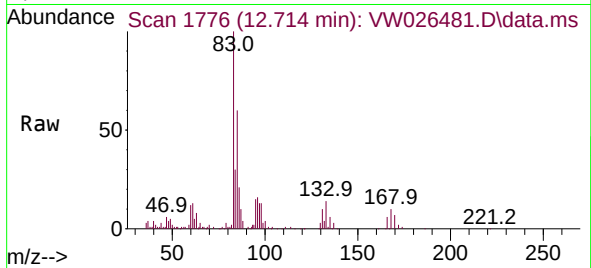
Tgt Ion: 83 Resp: 27611

Ion Ratio Lower Upper

83 100

85 59.7 44.6 82.8

131 10.1 7.2 10.8



#59

Bromoform

Concen: 28.974 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

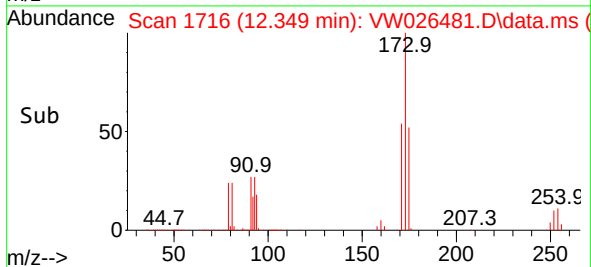
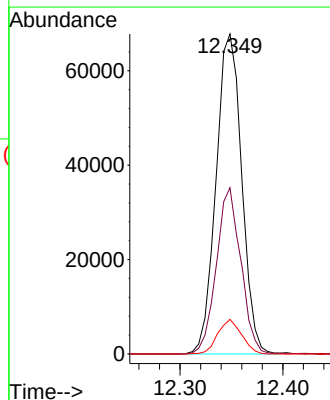
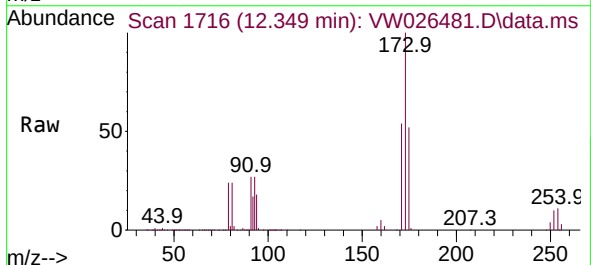
Tgt Ion: 173 Resp: 117583

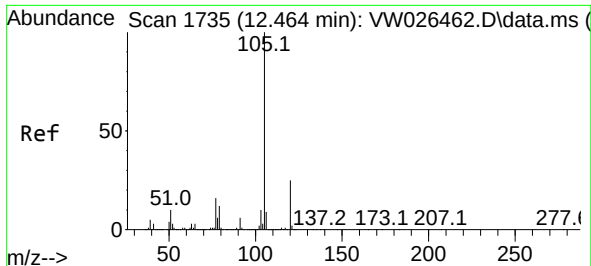
Ion Ratio Lower Upper

173 100

175 49.4 37.4 56.2

254 10.0 7.3 10.9

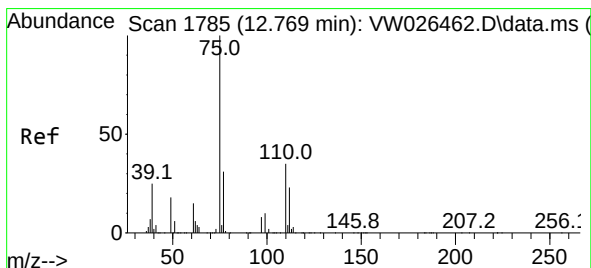
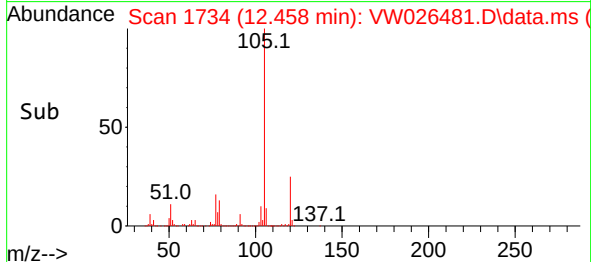
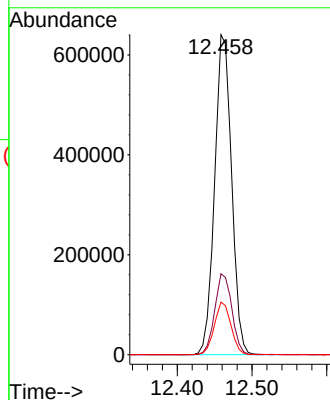
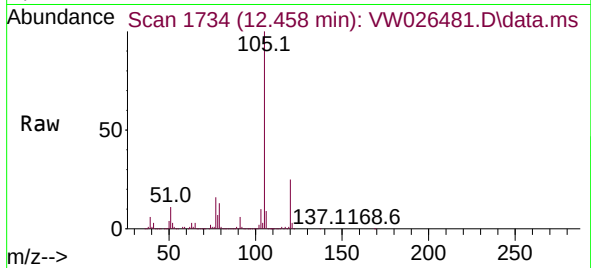




#60
Isopropylbenzene
Concen: 22.641 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

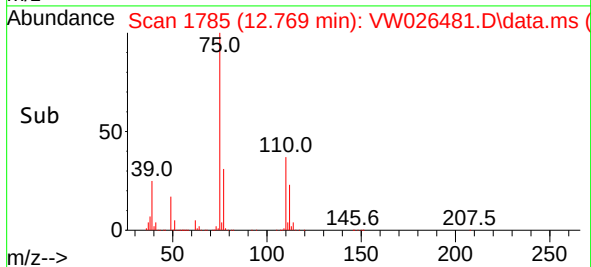
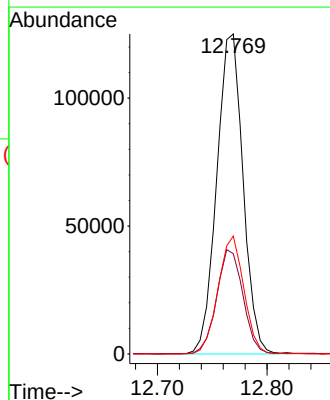
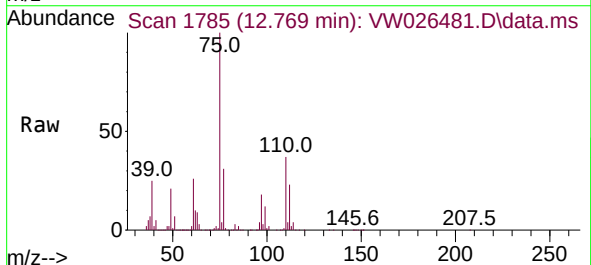
Instrument :
MSVOA_W
ClientSampleId :
YBW57MS

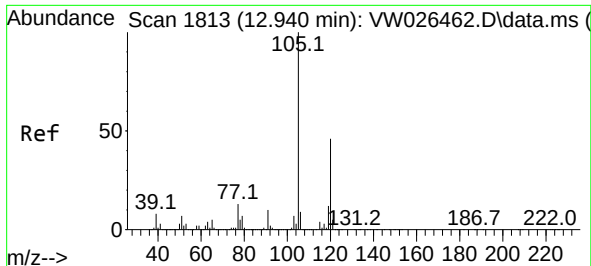
Tgt Ion:105 Resp: 1012111
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.2 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 31.115 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Tgt Ion: 75 Resp: 208433
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
110 36.2 28.2 42.4





#62

1,3,5-Trimethylbenzene

Concen: 22.350 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

Instrument :

MSVOA_W

ClientSampleId :

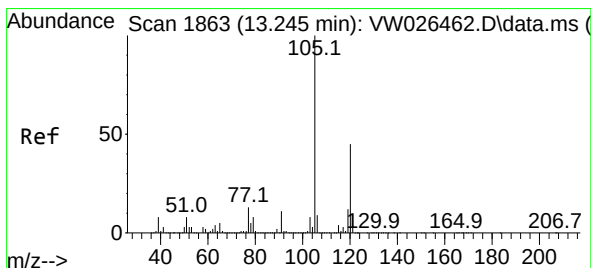
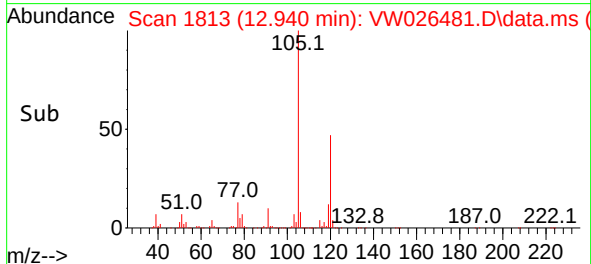
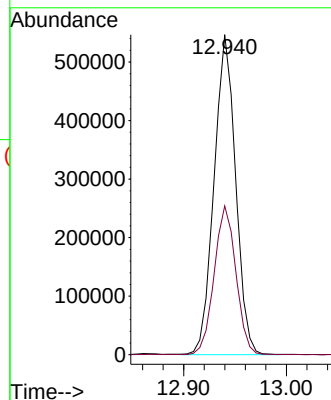
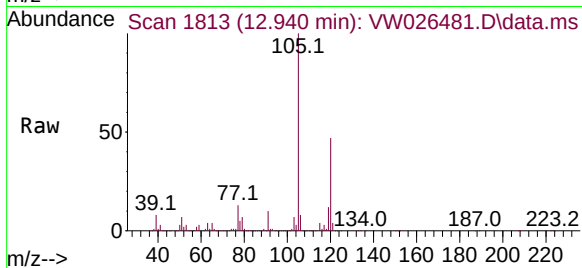
YBW57MS

Tgt Ion:105 Resp: 794490

Ion Ratio Lower Upper

105 100

120 46.9 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 22.001 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW026481.D

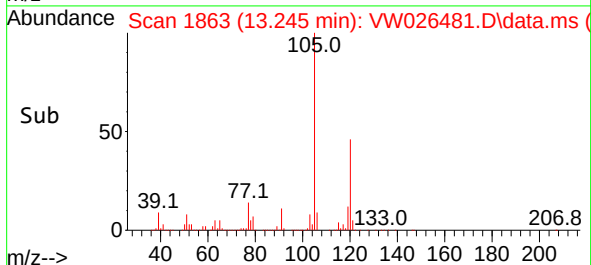
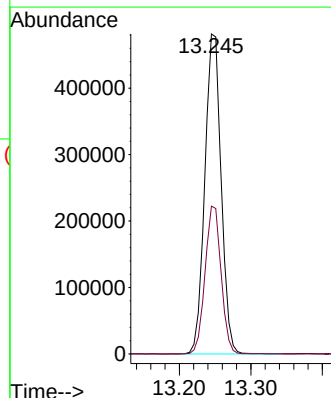
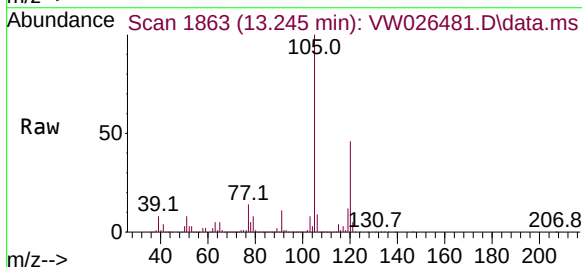
Acq: 30 Jun 2023 18:42

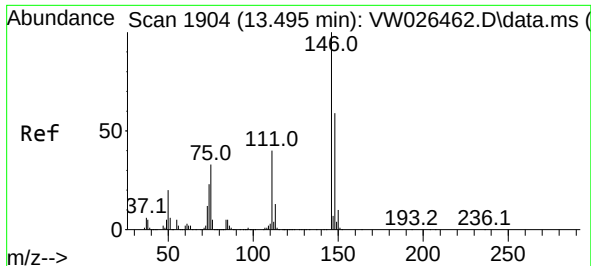
Tgt Ion:105 Resp: 764057

Ion Ratio Lower Upper

105 100

120 45.3 36.0 54.0

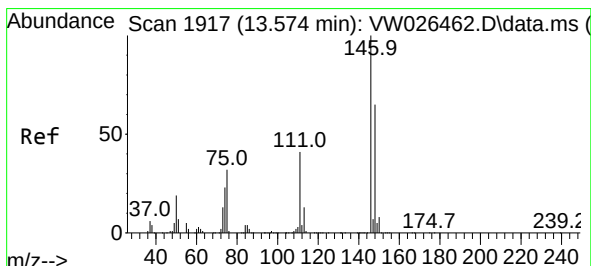
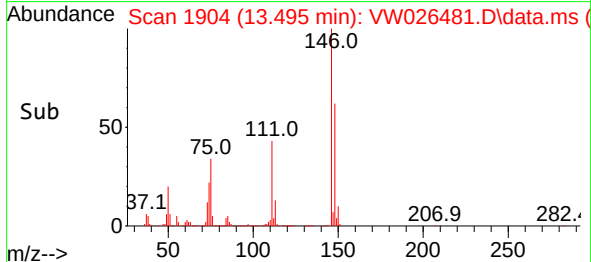
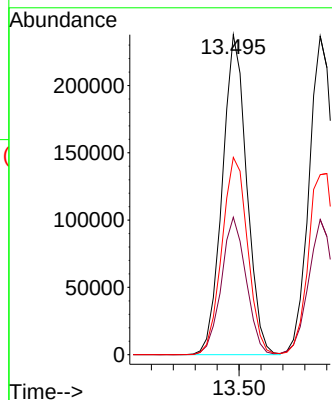
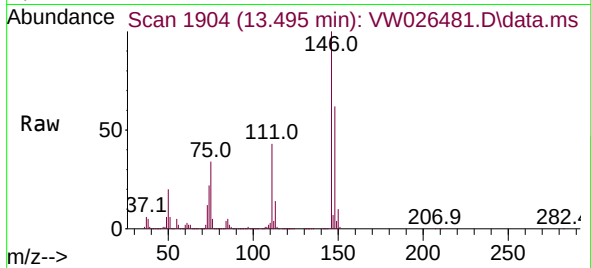




#64
1,3-Dichlorobenzene
Concen: 19.622 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

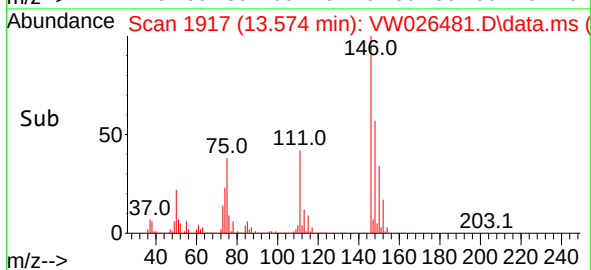
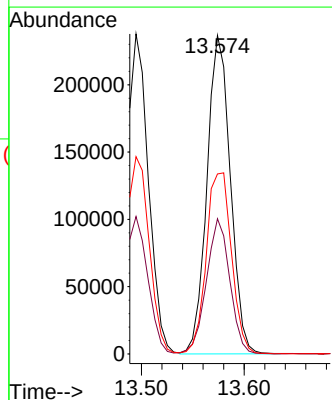
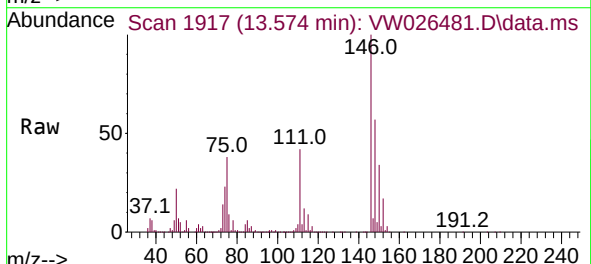
Instrument :
MSVOA_W
ClientSampleId :
YBW57MS

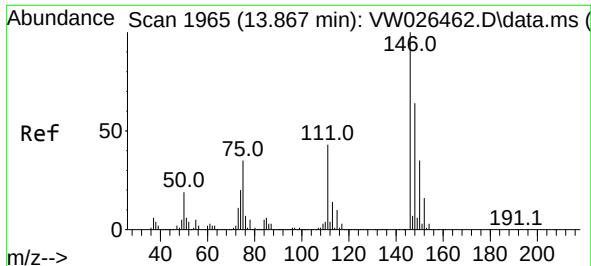
Tgt Ion:146 Resp: 368027
Ion Ratio Lower Upper
146 100
111 42.9 29.5 54.9
148 61.7 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 20.117 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Tgt Ion:146 Resp: 375252
Ion Ratio Lower Upper
146 100
111 42.4 30.7 56.9
148 56.5 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 20.244 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

Instrument :

MSVOA_W

ClientSampleId :

YBW57MS

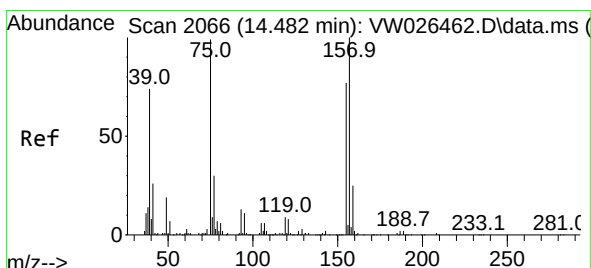
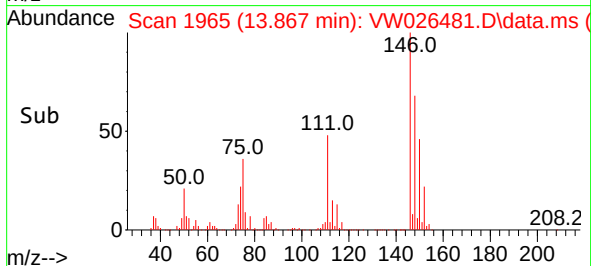
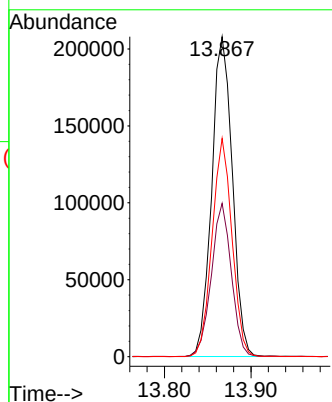
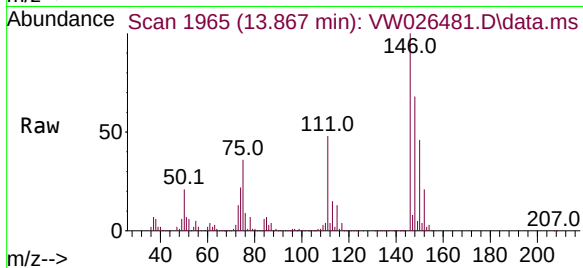
Tgt Ion:146 Resp: 343609

Ion Ratio Lower Upper

146 100

111 47.9 34.7 52.1

148 68.2 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 30.362 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW026481.D

Acq: 30 Jun 2023 18:42

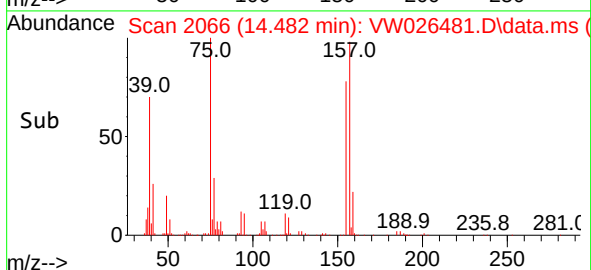
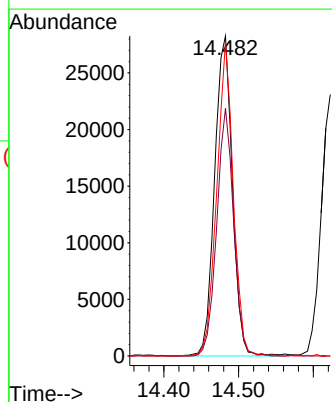
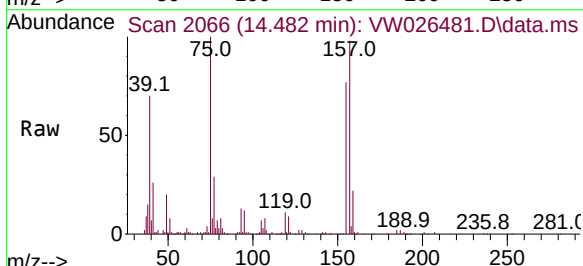
Tgt Ion: 75 Resp: 46608

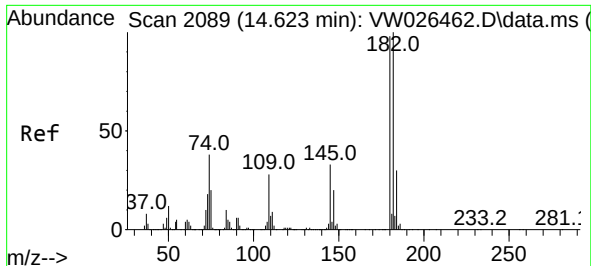
Ion Ratio Lower Upper

75 100

155 77.4 58.5 87.7

157 98.2 77.4 116.2

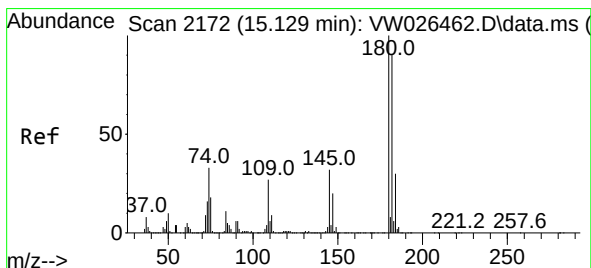
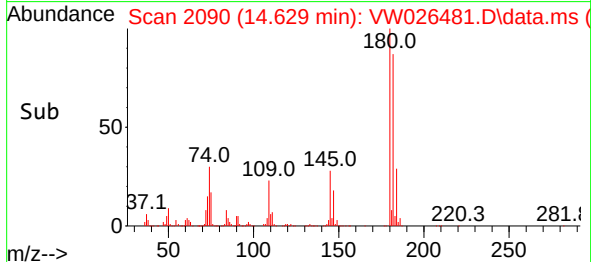
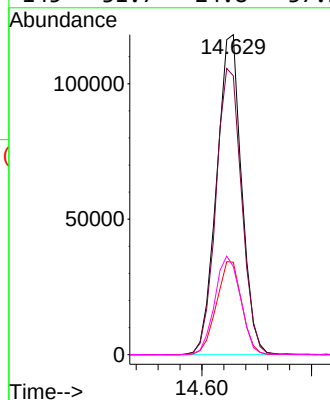
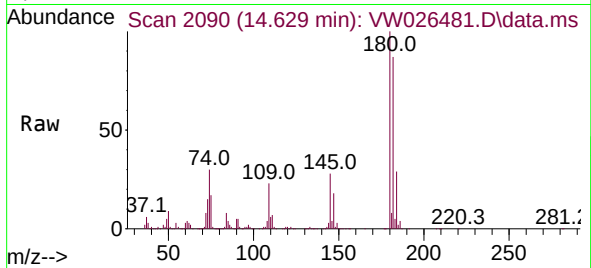




#69
1,3,5-Trichlorobenzene
Concen: 14.657 ug/L
RT: 14.629 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

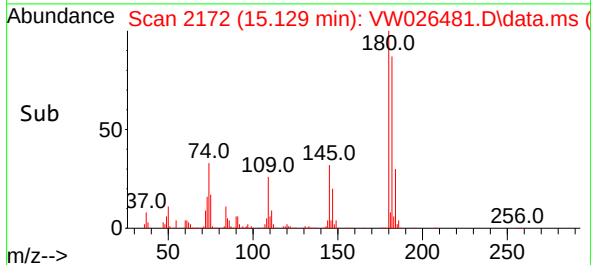
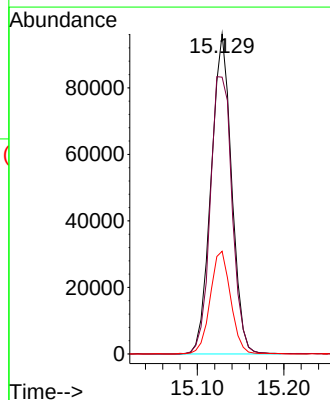
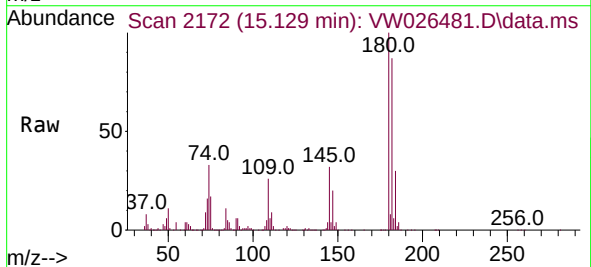
Instrument :
MSVOA_W
ClientSampleId :
YBW57MS

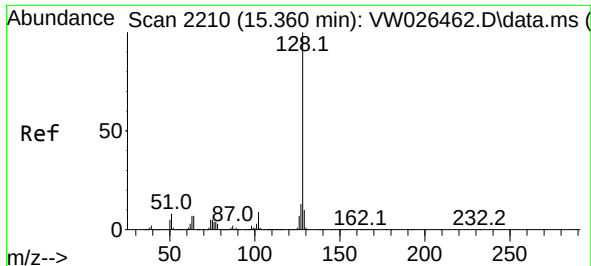
Tgt Ion:180	Resp: 187147
Ion Ratio	Lower Upper
180	100
182	92.3 74.5 111.7
184	29.5 23.8 35.6
145	31.7 24.8 37.2



#70
1,2,4-trichlorobenzene
Concen: 14.306 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Tgt Ion:180	Resp: 158091
Ion Ratio	Lower Upper
180	100
182	92.8 75.5 113.3
145	32.0 26.2 39.2

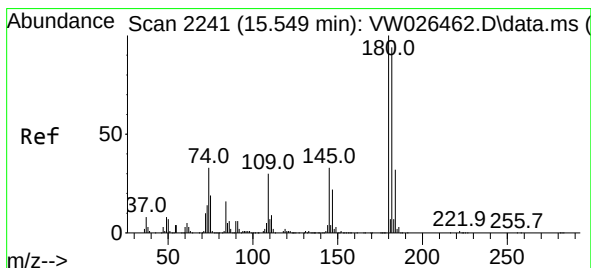
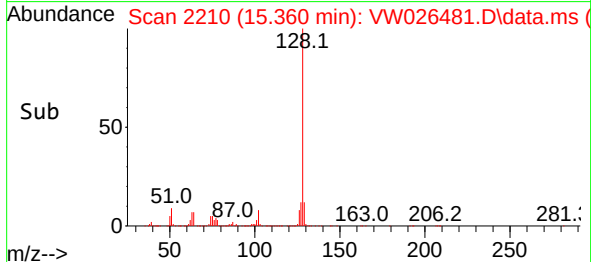
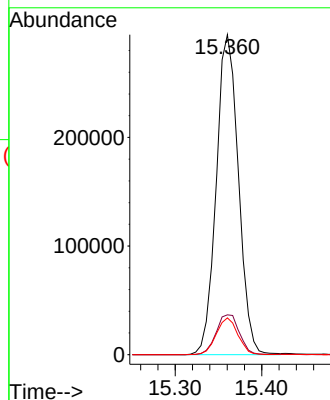
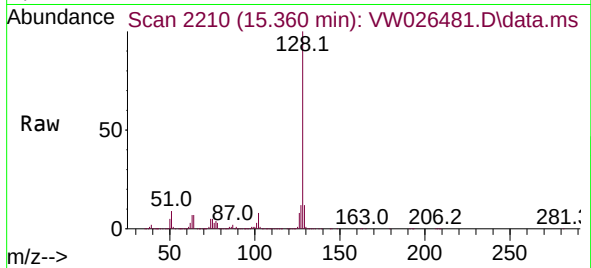




#71
Naphthalene
Concen: 23.286 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Instrument :
MSVOA_W
ClientSampleId :
YBW57MS

Tgt Ion:128 Resp: 524522
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.2 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 14.686 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026481.D
Acq: 30 Jun 2023 18:42

Tgt Ion:180 Resp: 139566
Ion Ratio Lower Upper
180 100
182 97.1 75.7 113.5
145 35.7 27.0 40.6

